

# MANUFACTURERS RECORD

## Gold Standard

Some day this nation will, in all probability, return to the gold standard, for, as history shows, practically every nation that ever abandoned the gold standard eventually returned to it.

The sooner the United States makes this rational fiscal move, the easier it will be, and the smaller will be the price we shall have to pay for our twenty-year-old experiment with money that is not real money at all but debt secured only by more debt which can be expanded without limit and decreased in value to zero.

There is no logical argument for further delay in returning to the gold standard. There is more than enough gold right now to support it, and the inflation that has occurred in the past two decades is positive proof that the cure is overdue.

In a democratic republic it is right and proper that the control of money be in the hands of the people. They may err sometimes in their use of this power, but it is highly improbable that they can be more wrong more often than the managers of our now inflated currency have proved to be.



*Phosphate Mines and Plants in Florida at Noralyn, Bonnie, Peace Valley, Achan, Mulberry; in Tennessee at Mt. Pleasant and Wales; in Mississippi at Tupelo.*

**phosphate**

For the manufacture of industrial chemicals.

**phosphate**

For the manufacture of complete fertilizers.

**phosphate**

Ground rock phosphate for direct application to the soil.

**phosphate**

Defluorinated phosphates for feed and mineral manufacturers.

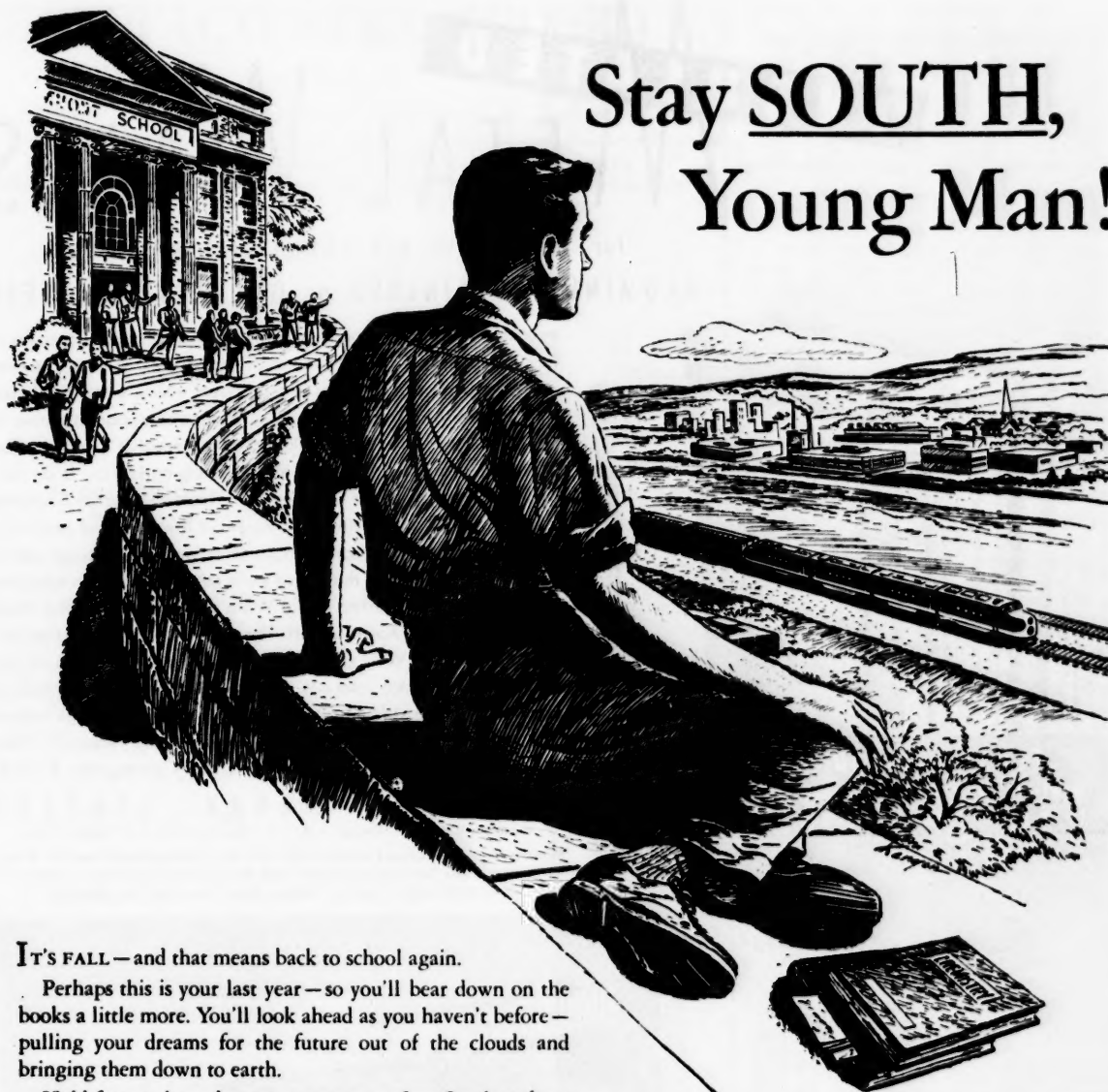
**International phosphates for industry and agriculture**

phosphate division

**INTERNATIONAL MINERALS  
& CHEMICAL CORPORATION**

General Offices: 20 North Wacker Drive, Chicago 6

*This advertisement is appearing currently in magazines reaching fertilizer manufacturers*



# Stay SOUTH, Young Man!

IT'S FALL—and that means back to school again.

Perhaps this is your last year—so you'll bear down on the books a little more. You'll look ahead as you haven't before—pulling your dreams for the future out of the clouds and bringing them down to earth.

Hold fast to those dreams, young man. Stay South and see them come true! For right here at home, in the Southland you know and live in and love, a great new "opportunity land" is coming of age, where dreams can take root and grow into reality.

In Southern industry, agriculture and commerce, new frontiers are opening up on every hand. Here, horizons are limitless for young men of courage, competence and vision. You are the youth of the South today. You will be the leaders of the South tomorrow.

Look ahead—stay South, young man!

THIS ADVERTISEMENT was first published in September of last year. It is repeated this year in response to many requests. In this intervening twelve-month period, 356 new industrial constructions or major additions have taken place along the Southern Railway System alone, representing an investment of \$544 million and giving employment to more than 22,000 workers. The South today is indeed a great new "Opportunity Land."

*Harry A. W. Smith*  
President



## SOUTHERN RAILWAY SYSTEM

WASHINGTON, D. C.



# INSULATED

# METAL WALLS

for INDUSTRIAL and COMMERCIAL BUILDINGS  
ALUMINUM, STAINLESS or GALVANIZED STEEL

Insulated Metal Walls have not only gained universal acceptance from a practical and economical standpoint, but are today recognized by architects as a component which, when combined with masonry or other materials, opens new potentialities in exterior design effects. The building below, which is a combination of Mahon Aluminum Insulated Wall Panels and brick, is an outstanding example of the architectural effects obtainable. Insulated Metal Walls offer definite advantages in lower cost of both materials and labor, reduction in construction time through rapid erection—plus the fact that these walls can be erected in sub-zero weather. Mahon Insulated Metal Walls are available in the three exterior patterns shown at left. The Mahon "Field Constructed" Fluted or Ribbed Wall can be erected up to sixty feet in height without a horizontal joint—a feature of Mahon walls which is particularly desirable in powerhouses or other buildings where high expanses of unbroken wall surface are common. See Sweet's Files for information, or write for Catalog No. B-54-B.

## FLUSH, RIBBED, or FLUTED

Over-all "U" Factor of Various Types is Equivalent to or Better than Conventional 16" Masonry Wall

## THE R. C. MAHON COMPANY

Detroit 34, Mich. • Chicago 4, Ill. • Representatives in All Principal Cities

Manufacturers of Insulated Metal Walls and Wall Panels; Steel Deck for Roofs, Partitions, and Permanent Concrete Floor Forms; Rolling Steel Doors, Grilles and Underwriters' Labeled Rolling Steel Doors and Fire Shutters.



# MAHON



# MANUFACTURERS RECORD

ESTABLISHED 1882

Devoted to the Industrial Development of the South and Southwest

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## MANUFACTURERS RECORD PUBLISHING CO.

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## South to Lead in Chemicals Sasi Spokesman Predicts

Within ten years, the South will gain national leadership in the nation's fastest growing industry. That's the prediction contained in a report issued by the Southern Association of Science and Industry.

The estimate that the South will achieve top position in chemicals within a decade was made by SASI Vice President Dr. Frank J. Soday, who is Director of Research for the Chemstrand Corporation at Decatur, Alabama. Dr. Soday is the holder of more than 100 chemical patents and is recognized as an expert in analyzing trends in the industry.

"The South today produces more than 25 per cent of the nation's chemicals," Dr. Soday said, "and within 10 years will be producing more than 50 per cent. He noted the region contains one-third of the nation's processing industries. As chemical processing industries, he includes the manufacture of synthetic fibers, fertilizers, paper and pulp, and other operations which involve chemical technology.

At the same time, SASI's regular bi-monthly publication which contained Soday's prediction, presented a wealth of data to support an optimistic outlook for the region. Here are some highlights:

A minerals production survey reveals that the South has set new records in the production of Kaolin, Bauxite, and Fuller's earth.

Georgia Tech and the U. S. Department of Agriculture have contracted for a research investigation of methods of producing a valuable chemical—pinic acid—from turpentine.

Southern capacity for manufacturing paper and pulp is nearing 30,000 tons per day, with 69 huge mills operating or under construction.

Four research studies aimed at finding new uses for cotton fibers have yielded promising results.

Expert advice on methods for avoiding stream pollution difficulties is offered to Southern manufacturers.

Construction of three vital military research units in the South is reported.

Plans are announced for a Southwide conference in December to study chemical opportunities and techniques for accelerating the growth of the industry in the South.

Commenting on the report, SASI President Dr. A. P. Black, who is head of the chemistry department at the University of Florida, said:

"History will record the first decade following World War II as the turning point in the development of the South. Quoting a recent press story, 'it is witnessing a tremendous industrial upsurge and expansion so great that very few Southerners themselves are fully aware of its dimensions. It is breaking up the old patterns of population and agriculture. It is changing the physical face of the Old South. It foreshadows deep-seated economic, social, psychological and political changes.'"

"The Manufacturers Record," published monthly by Manufacturers Record Publishing Co., 109 Market Place, Baltimore 3, Md. Entered as second class matter at Baltimore, Md., under the act of March 3, 1879. Volume 122, No. 10. Single Copies 35c. Back Numbers over three months old, 50c. Copyright October, 1953 by Manufacturers Record Publishing Co., all rights reserved.



*New Plant for Streitman Biscuit Co., Macon, Ga.  
Rust Engineering Co., contractors*

## More Georgia Crackers

In Macon, Georgia, the Streitman Biscuit Company is building this bakery to make large quantities of crackers (and cookies, too). They want to get started soon—they want space economy—so they are building with steel.



Note the long line of beams, as much alike as crackers in a box. The 750 tons of steel were fabricated by O'Neal promptly and accurately. Simple or complex, O'Neal does the work dependably.

### **O'NEAL STEEL WORKS**

Birmingham 2, Ala.



MANUFACTURERS RECORD FOR

# BUSINESS TRENDS

## Full Production Continues

Although a preponderant portion of business indicators still show maintenance of economic activity at almost full-production level, the number showing counter trend is increasing in number.

### THE UPWARD SIDE

Bank debits continue to show increase over previous years, indicating growth in total business transactions.

Retail and wholesale turnover, as well as service trade receipts are running substantially ahead of a year ago, and are traveling along a level that represents an all-time high.

Demand for credit of all kinds, including bank loans to manufacturing and mining firms remains very strong, indicating confidence on the part of business in the economic near future.

### THE DOWNWARD SIDE

Against the aforesaid show of optimism, there are increasing signs of leveling in the business activity chart.

Some of these signs are merely repetition of previous indications, others are more recent.

Inventories and consumer credit continue to climb, forecasting nothing in the way of drastic reaction, but looking toward some inevitable point where the movement must necessarily cease or react.

Farm prices, while showing some signs of strengthening, still present a very weak appearance, with the farmer garnering but 44 cents of the consumer's food dollar against the 52 cents averaged during and after World War II.

New car sales have hit new highs, but used car sales are dipping, even below recent depressive figures.

Residential construction contracts dropped sharply in June.

Steel plants are operating below 95 per cent of capacity. For the second time since the end of the war, steel production has caught up with demand. The first time was in 1949, and served as herald of the mild recession that occurred in that year.

### THE SOUTHERN OUTLOOK

The South is doing well in Finance, Trade and Service, and still leads moderately in Construction; but in Farming, Mining, and Manufacturing the Region shows signs of lagging.

It may well be that necessary adjustments are now taking place in Textiles, Leather and Chemicals, traditionally Southern strongholds, and that thereafter the South will be in a position to reassume the manufacturing leadership held throughout 1952.

### REPORTS FROM GOVERNMENT AGENCIES

"Industrial production in July and August showed about the usual seasonal changes from the advanced June level. . . . Total retail sales in July continued substantially above a year ago"; (Federal Reserve Board).

"Business activity continued at a high rate through August as employment, income and sales matched or exceeded the rates of earlier months. (Department of Commerce).

"American business is planning capital outlays of \$14.4 billion for the last six months of 1953. . . . (Department of Commerce).

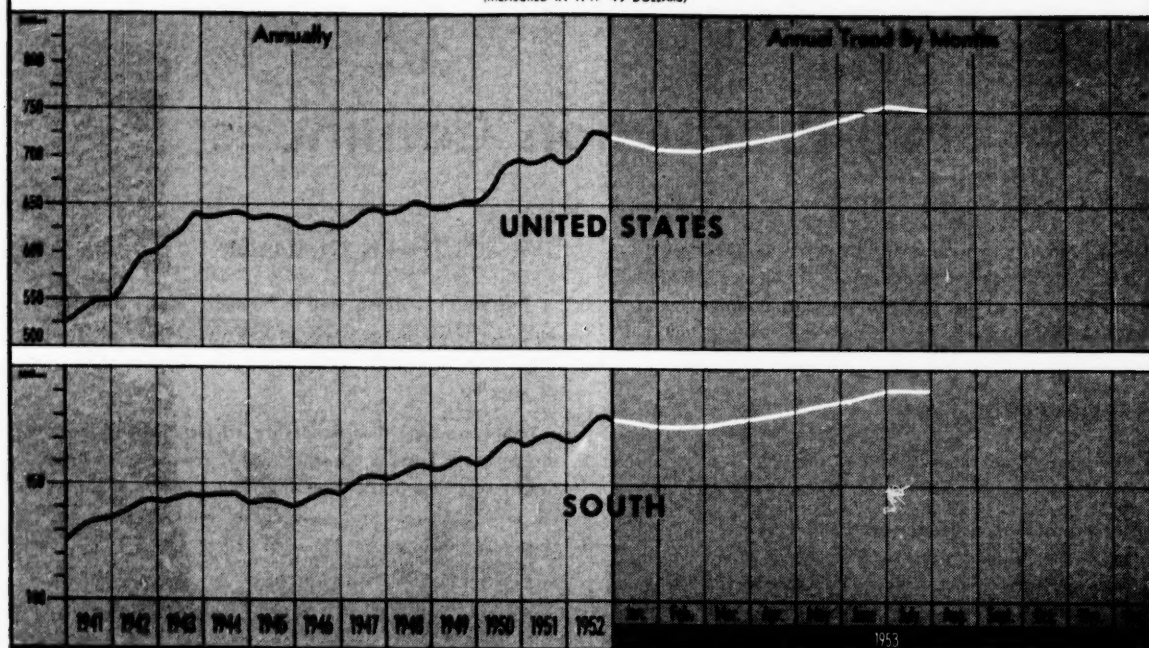
"Expenditures for new construction this year are expected to reach \$34.6 billion, exceeding last year's record by 6 per cent. . . . (Department of Labor).

"A slight decrease in the volume of prospective all-crop production resulted from August growing conditions. . . . As a result, the index of all-crop production dropped nearly 2 points below that of August 1, and was 2 points less than that of August 1952. . . ." (Department of Agriculture).

"Factory hiring in July declined to the lowest rate reported for the month since 1949. . . . This reduction contrasts with the relatively high hiring rates maintained since last fall. However, it reflects a leveling off in the trend of factory employment rather than a major change in a generally favorable employment situation." (Department of Labor).

(Continued on page 8)

**PHYSICAL VOLUME**  
OF  
ALL GOODS TURNED OUT BY PRIVATE ENTERPRISE  
(MEASURED IN 1947-49 DOLLARS)



**Regional Indicators**

(Continued from page 7)

**Farm Marketings (\$ Mil.)**

	Jul. 1953	Jun. 1953	Jul. 1952
South .....	\$ 703	\$ 654	\$ 721
Other States .....	\$1,775	\$1,491	\$1,976
United States .....	\$2,478	\$2,145	\$2,697

**Construction (\$ Mil.)**

	Jul. 1953	Jun. 1953	Jul. 1952
South .....	\$1,094	\$1,088	\$1,022
Other States .....	\$2,182	\$2,097	\$2,048
United States .....	\$3,276	\$3,185	\$3,070

**Mineral Output (\$ Mil.)**

	Jul. 1953	Jun. 1953	Jul. 1952
South .....	\$ 580	\$ 579	\$ 568
Other States .....	\$ 492	\$ 493	\$ 417
United States .....	\$1,072	\$1,072	\$ 985

**Manufacturing (\$ Mil.)**

	Jul. 1953	Jun. 1953	Jul. 1952
South .....	\$ 4810	\$ 5,041	\$ 4,477
Other States .....	\$17,300	\$17,953	\$15,467
United States .....	\$22,110	\$22,994	\$19,944

**National Indicators**

	Jul. 1953	Jun. 1953	Jul. 1952
Personal Income (\$ Bil.) ...	\$ 288.1	\$ 286.3	\$ 266.3
Ave. Weekly Earnings (Mfg.) ...	\$ 71.51	\$ 71.63	\$ 65.44
Consumer Credit (\$ Mil.) ...	\$ 27,217	\$ 27,051	\$ 22,751
All Inventories (\$ Mil.) ...	\$ 78,144	\$ 77,497	\$ 72,765
Mfg. Inventories (\$ Mil.) ...	\$ 45,670	\$ 45,525	\$ 42,748
Trade Inventories (\$ Mil.) ...	\$ 32,474	\$ 31,972	\$ 30,017
Bank Debits (\$ Mil.) ...	\$148,135	\$154,106	\$137,334

	Jul. 1953	Jun. 1953	Jul. 1952
Ave. Weekly Hours (Mfg.) .....	40.4	40.7	39.9
Carloadings .....	2,964	3,204	2,236
Consumer Prices ('47-'49=100) ...	114.7	114.5	114.1
Retail Prices ('35-'39=100) .....	210.2	209.7	211.8
Wholesale Prices ('47-'49=100) ...	110.9	109.5	111.8
Construction Costs ('47-'49=100) ...	125.2	124.1	121.8
Electric Output (mil. kw. hrs.) ...	43,927	42,733	37,007

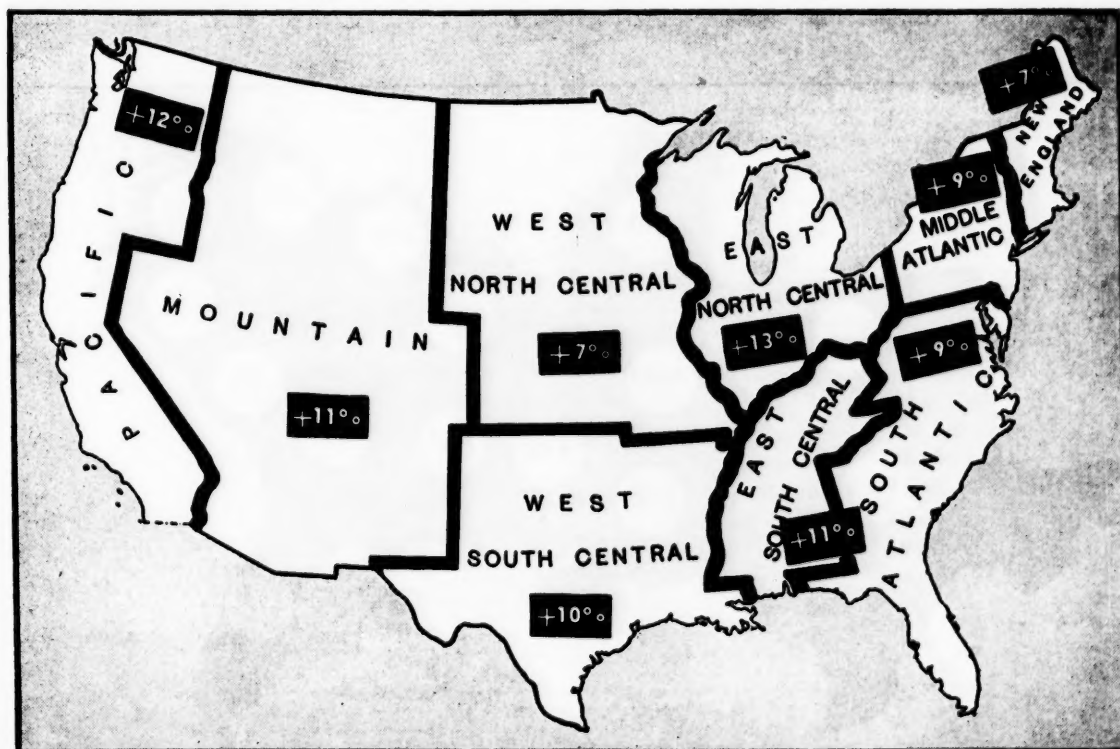


# NATIONAL BUSINESS VOLUME

Business Volume By Regions (\$ Million)  
First 7 mos. of 1953 with gain (or loss) over First 7 mos. of 1952

	Farm- ing	Min- ing	Con- struc- tion	Manu- factur- ing	Utili- ties	Fi- nance	Whole- sale Trade	Re- tail Trade	Serv- ice Trade	Busi- ness Volume
New Eng.	\$ 450 -7%	\$ 27 even	\$1,026 +1%	\$11,437 +9%	\$1,079 even	\$1,435 +5%	\$5,839 even	\$6,733 +12%	\$1,083 +4%	\$29,109 +7%
Mid. Atl.	1,214 even	708 -4%	3,460 +5%	37,872 +10%	5,167 +3%	5,513 +2%	37,492 +10%	19,495 +7%	5,270 +1%	116,191 +9%
E. N. Cen.	3,336 -3%	571 -2%	3,805 +7%	50,728 +17%	4,503 +5%	3,611 +4%	28,819 +13%	21,361 +6%	4,091 +4%	120,825 +13%
W. N. Cen.	4,249 -3%	596 +15%	1,447 +1%	12,149 +11%	2,149 +4%	1,542 +4%	14,249 +8%	9,206 +5%	1,494 +7%	47,081 +7%
S. Atl.	1,547 -4%	671 -9%	3,027 +3%	15,516 +10%	2,576 +2%	1,962 +9%	11,193 +7%	12,453 +12%	1,960 +5%	50,905 +9%
E. S. Cen.	924 -7%	428 -10%	1,150 +17%	6,363 +12%	1,018 even	666 +8%	5,645 +14%	5,009 +12%	787 +2%	21,990 +11%
W. S. Cen.	1,446 -15%	2,878 +7%	2,104 +13%	9,786 +10%	2,021 +2%	1,327 +5%	8,713 +14%	9,014 +11%	1,461 +7%	38,750 +10%
Mount.	957 -6%	865 +4%	757 +5%	2,472 +14%	887 +4%	455 +10%	2,935 +16%	3,418 +11%	595 +7%	13,341 +11%
Pacif.	1,770 -9%	728 +1%	2,237 +15%	14,316 +12%	2,332 +7%	2,004 +7%	11,722 +17%	10,450 +11%	2,393 +2%	47,952 +12%
U. S.	15,893 -5%	7,472 +2%	19,013 +7%	160,639 +13%	21,732 +3%	18,515 +5%	126,607 +11%	97,139 +8%	19,134 +3%	486,144 +10%

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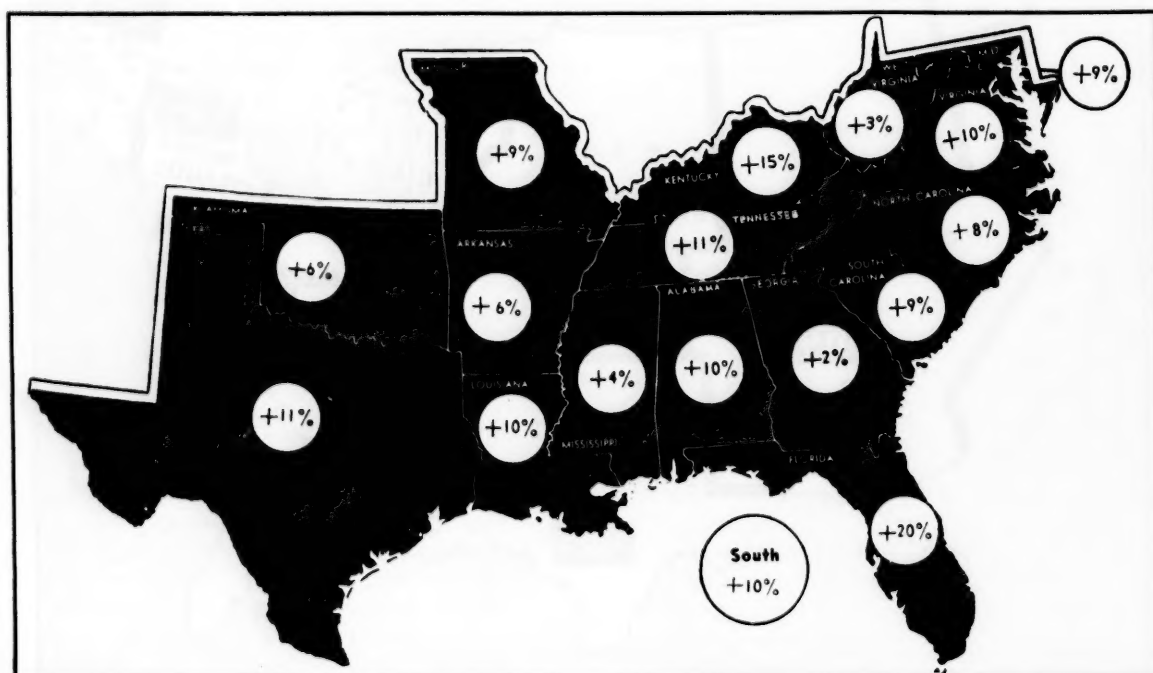


# SOUTHERN BUSINESS VOLUME

(Continued from page 9)

Business Volume By Regions (\$ Million)  
First 7 mos. of 1953 with gain (or loss) over First 7 mos. of 1952

	Farm- ing	Min- ing	Con- struc- tion	Manu- factur- ing	Utili- ties	Fi- nance	Whole- sale Trade	Re- tail Trade	Serv- ice Trade	Busi- ness Volume
Ala.	\$ 169 -17%	\$ 77 even	\$ 279 +2%	\$1,766 +10%	\$ 275 -2%	\$ 196 +8%	\$1,110 +11%	\$1,284 +17%	\$ 191 -3%	\$5,347 +10%
Ark.	179 -24%	64 -8%	134 -9%	553 +9%	159 +1%	81 +10%	563 +18%	818 +11%	105 -1%	2,656 +6%
D. C.	—	—	163 +3%	138 +1%	168 +4%	218 +1%	960 +8%	1,188 +22%	193 even	3,028 +13%
Fla.	347 +6%	44 +7%	586 +24%	821 +17%	374 +2%	350 +19%	1,745 +26%	2,155 +20%	342 +13%	6,764 +20%
Ga.	297 -10%	19 -9%	336 even	2,375 +8%	374 +4%	276 +5%	1,678 -13%	1,700 +16%	307 +2%	7,362 +2%
Ky.	325 -2%	238 -17%	355 +41%	1,844 +12%	302 +1%	154 +12%	1,503 +28%	1,391 +14%	207 +2%	6,319 +15%
La.	129 -8%	469 +2%	438 +39%	1,845 +12%	412 even	193 even	1,321 +11%	1,370 +10%	207 +10%	6,384 +10%
Md.	167 -2%	11 +10%	410 +3%	2,478 +13%	372 +2%	320 +8%	1,562 +6%	1,616 +7%	254 even	7,190 +9%
Miss.	184 -2%	78 -4%	134 +3%	641 +7%	130 +1%	77 +10%	613 +2%	703 +5%	101 even	2,661 +4%
Mo.	527 -5%	57 -9%	445 +7%	3,796 +14%	674 +5%	530 +4%	4,784 +6%	2,587 +6%	528 +5%	13,928 +9%
N. C.	222 -6%	14 even	484 -11%	3,893 +8%	373 +5%	233 +4%	2,207 +11%	1,843 +10%	290 +4%	9,559 +8%
Okla.	303 -21%	362 +9%	231 +1%	1,076 +12%	260 +4%	173 even	1,141 +10%	1,237 +8%	203 even	4,986 +6%
S. C.	117 -16%	7 even	416 +10%	1,659 +7%	144 +2%	109 +15%	688 +10%	1,027 +12%	133 +6%	4,300 +9%
Tenn.	246 -8%	35 -20%	382 +16%	2,112 +16%	311 +2%	239 +7%	2,419 +9%	1,631 +8%	288 +10%	7,663 +11%
Tex.	835 -13%	1,983 +7%	1,301 +11%	6,312 +9%	1,190 +3%	880 +8%	5,688 +14%	5,589 +13%	946 +11%	24,724 +11%
Va.	244 -3%	72 -17%	438 +3%	2,647 +9%	436 +1%	300 +14%	1,455 +17%	1,784 +9%	269 +3%	7,645 +10%
W. Va.	87 -2%	504 -10%	110 -8%	1,065 +6%	269 even	100 +10%	652 +15%	874 +1%	133 +3%	3,794 +3%
South	4,378 -9%	4,034 +1%	6,642 +9%	35,021 +10%	6,223 +2%	4,429 +7%	30,089 +10%	28,797 +11%	4,697 +5%	124,310 +10%



## CONTINUOUS PICKLING UNIT

added at

*Newport Steel*

The first new facility completed this year in Newport's program of progress is a \$3,000,000 continuous pickling line. Customers now may secure still another high-quality end-product in the form of hot-rolled pickled steel in coil from Newport's unique reversing hot mill, which started rolling in 1949. Other additions include electric furnaces, another soaking pit, electric weld pipe mill, and river barge loading facilities. These modern improvements plus 68 years of steelmaking experience make Newport an increasingly dependable source for your volume requirements.

### PRODUCTS OF NEWPORT STEEL

Hot-Rolled Steel in Coil  
Hot-Rolled Pickled Steel in Coil  
Electric Weld Line Pipe  
Hot-Rolled Sheets  
Galvanized Sheets  
Galvannealed Sheets  
Colorbond Sheets  
Hot-Rolled Pickled Sheets  
Electrical Sheets  
Alloy Sheets  
Roofing and Siding  
Eave Trough and Conductor Pipe  
Culverts



#### ECONOMICAL WATER/RAIL DELIVERY

Newport Steel is situated on the Mississippi-Ohio River system and the great Cincinnati rail hub. With the advantage of location, new river barge facilities and seven major railroads, Newport gives economical, dependable delivery to industrial areas throughout the Middle West and South.

*Newport Steel*

CORPORATION  
NEWPORT, KENTUCKY



**MODERN  
ANNEALING  
FACILITIES-**

## For Cold Finished Alloy Bars

These modern furnaces insure uniform annealed quality, which is another important reason why Youngstown Cold Finished Alloy Bars are so satisfactory.

Their machinability and cold working properties are superior. Tolerances, metallurgical characteristics and all phases of the manufacture of Youngstown Cold Finished Alloy Bars are sub-

jected to rigid quality control of a single integrated organization—from mining of the ore to shipment of the finished product.

Youngstown Cold Finished Alloy and Carbon Steel Bars are furnished in standard shapes and sizes, in both coils and straight lengths. For further information, phone or write our nearest District Sales Office.



# Youngstown

**COLD FINISHED CARBON  
AND ALLOY STEEL BARS**

**THE YOUNGSTOWN SHEET AND TUBE COMPANY**

*Manufacturers of  
'Carbon, Alloy and Tool Steel'*

General Offices: Youngstown, Ohio - Export Office: 500 Fifth Avenue, New York 36, N. Y.  
PIPE AND TUBULAR PRODUCTS - CONDUIT - BARS - RODS - COLD FINISHED CARBON AND ALLOY BARS -  
SHEETS - PLATES - WIRE - ELECTROLYTIC TIN PLATE - COKE TIN PLATE - RAILROAD TRACK SPIKES

# NEW AND EXPANDING PLANTS

COMPILED FROM REPORTS PUBLISHED IN THE DAILY CONSTRUCTION BULLETIN

## SOUTH

**SOUTH**—Marshall Field & Co. of Chicago, sold its textile manufacturing division, Fieldcrest Mills, to a new corporation called Fieldcrest Mills, Inc., formed by an eastern group.

## ALABAMA

**BIRMINGHAM**—Birmingham Broadcasting Co., Radio Park, let contract to Cunningham-Limp Co., Detroit, Mich., for television station. William I. Rosamond, Bank Bldg., Tuscaloosa, Archt.

**BIRMINGHAM**—Birmingham Man Co., 10th Ave., received bids for alterations and additions to plant building. Charles H. McCauley, Jackson Bldg., Archt.

**BIRMINGHAM**—Drennen Motor Co., C. Nabb Drennen, 401 S. 20th St., let contract to Brice Building Co., 2nd Ave., N., for \$16,000 office building.

**BIRMINGHAM**—Great Son Trucking Co., Jacksonville, Fla., let contract to Brice Building Co. for office and freight depot. Greer, Holmquist & Chambers, Stallings Bldg., Archt.

**BIRMINGHAM**—Crawford Johnson Co., 3301 11th Ave. N., received bids for addition to plant. George P. Turner, American Life Bldg., Archt.

**BIRMINGHAM**—Haydn Myer Co., Commerce Bldg., plans office building, 7th Ave. & 11th St. Warren, Knight & Davis, Protective Life Bldg., Archts.

**BIRMINGHAM**—Nehl Bottling Co., 24th St., James Pearce, received bid of \$210,700 from Daniel Construction Co., Inc., for bottling plant and warehouse, Center St., 2nd Court N. Long & Gatling, Brown-Marx Bldg., Archts.

**BIRMINGHAM**—Pure Oil Co. let contract to Rives Construction Co. for \$30,000 service station, 8th Ave. & 19th St., N.

**BIRMINGHAM**—Union Envelope Co., Richmond, Va., let contract to J. F. Holley, Birmingham, for plant building, 17th St. & 9th Ave., N. Miller, Martin & Lewis, Title Guarantee Bldg., Archts.

**GORGAS**—Alabama Power Co. let contract to Standard Construction Co., Columbus, Ga., for \$1,300,000 steam power plant.

**LEEDS**—Crown Cork & Seal Co., Baltimore, Md., received bids for \$500,000 plant building. Van Keuren Davis & Co., 3004 Seventh Ave., S., Birmingham, Archts.

**PLEASANT GROVE**—Town received bid of \$198,711 from L. P. Chesser, Birmingham, for gas extensions.

**SELMA**—Southern Bell Telephone & Telegraph Co., 1620 Hurt Bldg., Atlanta, Ga., let contract to Barge Thompson Co., 136 Ellis St., N.E., Atlanta, for \$40,000 office building. Warren Knight & Davis, Protective Life Bldg., Birmingham, Archts.

## ARKANSAS

**CROSSETT**—Bemis Brothers Bag Co. of St. Louis, plans paper specialty plant.

**FORT SMITH**—Fort Smith Juvenile Furniture Mfg. Co. purchased site for new plant.

**JONESBORO**—General Electric Specialty Motors, let contract to L. O. Stocker, Inc., 3028 Lindell Blvd., St. Louis, Mo., for plant. Frank T. Tobey, Jr., Archt.

**LITTLE ROCK**—U. S. Time Corporation, Stanley C. Amren, Mgr., plans addition to plant.

## DISTRICT OF COLUMBIA

**WASHINGTON**—Directors of Chesapeake & Potomac Telephone Co. plan \$2,516,000 expenditure for development and expansion of facilities in District of Columbia.

## FLORIDA

**BAY HARBOR ISLANDS**—Storer Broadcasting Co., 1005 Kane Concourse, let contract to Caldwell-Scott Engr. & Constr. Co., 340 S.E. 24th St., P.O. Box 1221, Fort Lauderdale, for \$217,000 office building. Broad Causeway, John L. Volk, 209 Plaza Circle, Palm Beach, Archt.

**DADE COUNTY**—Cyclone Fence Dept., American Steel & Wire Division, U.S. Steel Corporation, F. D. Evans, 208 S. LaSalle St., Chicago, Ill., let contract to M. R. Harrison Construction Corp., 5137 N.E. 2nd Ave., Miami, for office and warehouse building. LeJeune Road at Seaboard Air Line railroad tracks, John E. Peterson & Frank H. Shuffin, Roper Bldg., Archt.

**DADE COUNTY**—Nasco Incorporated, received bids for factory and office building, N.W. 66th Ave. Igor B. Polevitzky, 250 N.E. 18th St., Miami, Archt.

**DAYTONA BEACH**—Mitchell & Alexander Lumber Co., 411 Madison Ave., received bids for sales office building. MacDonough, Craig & Snead, Archts.

**FORT LAUDERDALE**—Southern Bell Telephone Co. let contract to J. Y. Gooch Co., Inc., 1205 Congress Building, Miami, for \$190,000 office. Armistead & Saggus, 1311 Candler Bldg., Atlanta, Ga., Archt.

**GENEVA**—Fairglade Jersey Dairy plans milking parlor. Hugo R. Broleman, Jr., 1216 E. Colonial Drive, Orlando, Archt.

**HOMESTEAD**—Penn.-Florida Produce, Inc., Federal Highway, Princeton, plans \$21,000 packing house, N.E. 8th St.

**JACKSONVILLE**—General Food Corporation, Maxwell House Division, Wm. H. Dowling, Plant Mgr., let contract to MacDonald Engineering Co., 188 W. Randolph, Chicago, Ill., for plant expansion, consisting of 3-story office and warehouse building; est. cost \$1,000,000.

**JACKSONVILLE**—Goodyear Rubber & Tire Co. of Akron plans a new district office and warehouse; est. cost \$250,000.

## New and Expanding Plants Reported in September 204

Total for  
First Nine Months of 1953  
1498

First Nine Months of 1952  
1654

**LAWTEY**—E. I. du Pont de Nemours & Co. plans \$3,000,000 plant and mine to produce lemite.

**MELROSE**—Santa Fe Telephone Co., Inc., received bids for telephone lines.

**MIAMI**—Ace Warehouse, Inc., 2774 N.W. 24th St., let contract to Dobbs Construction Co., 2774 N.W. 24th St., for \$167,688 warehouse and office building, 2750 N.W. 24th St.

**MIAMI**—Firestone Tire & Rubber Co., 1200 W. Flagler St., plans super-service station, N.E. 2nd Ave. bet. 13th Terrace & 14th St.

**MIAMI**—Florida Paper Box Co., Inc., 246 N.W. 29th St., let contract at \$63,400 to Angus W. Graham, Inc., 71 N.E. 21st St., for addition to warehouse, 318-30 N.W. 25th St.

**MIAMI**—Graybar Electric Co. plans 64,000 sq. ft. building, including warehouse and office space.

**MIAMI**—Neff-Thomas Machinery Co., 1920 N.W. Miami Court, let contract to Bradford Builders, Inc., 1101 Lincoln Road Bldg., Miami Beach, for industrial building, A. L. Klingbeil, 12490 N.E. 7th Ave., Miami, Archt.

**MIAMI**—Sanitary Linen Service Co., 251 N.W. 2nd Lane, received bids for addition to laundry.

**MIAMI**—Shaw Brothers Oil Co., 3033 N.W. North River Drive, let contract to T. F. LeJeune, 125 N.W. 54th St., for \$17,600 service station, 2353 N.W. 17th Ave. Robert K. Frese, 8340 N.E. 2nd Ave., Archt.

**MIAMI**—Stevenson-Houston-Hosford, Inc., 860 S.W. 1st St., plans office building. Harry E. Penney, 5944 Sunset Dr., S. Archt.

**MIAMI**—Wilson & Co., 70 N.E. 11th St., received bid of \$37,360 from M. R. Harrison Construction Corp., 5137 N.E. 2nd Ave., for rebuilding meat packing warehouse.

**NORTH MIAMI**—Southern Bell Telephone & Telegraph Co., Atlanta, Ga., let contract to John B. Orr, Inc., 485 N.W. 54th St., Miami, for Plant Work Center & Garage, 14th Ave. & 127th St. Shutz & Armistead, 1311 Candler Bldg., Atlanta, Ga., Archts.

**ORLANDO**—Shell Oil Co. let contract to Gilbert & Shields Constructors, Inc., Box 2015, Tampa for service station, cor. Colonial Drive & Fern Creek Ave.

**PENSACOLA**—St. Regis Paper Co. announced \$4,500,000 expansion program for St. Regis Kraft Center.

**SOUTH MIAMI**—Fuchs Baking Co., 5780 S. Dixie Highway, plans \$28,000 addition and alterations to Bakery.

**SOUTH MIAMI**—Standard Oil Co., 1000 N.W. 73rd St., Miami, let contract to Duffey Construction Co., Inc., 1395 N.W. 21st St., Miami, for service station, 6180 S. Dixie Highway.

**TAMPA**—Tampa Electric Co. plans issuance of \$8,000,000 in first mortgage bonds as part of multi-million-dollar expansion program.

## GEORGIA

**ATLANTA**—Carrier Corporation, C. Wampler, president, Syracuse, New York, plans \$5,000,000 plant.

**ATLANTA**—Firestone Tire & Rubber Co. let contract to McDonough Construction Co., 7 Baltimore Place, for warehouse addition.

**DALTON**—Cabin Crafts, Inc., let contract to Fiske-Carter Construction Co., Greenville, S. C., for addition to mill and dye house. Robert & Co. Assocs., Atlanta, Archts.

**DALTON**—Coca-Cola Bottling Co. let contract to Collins & Hobbs, 4013 Tennessee Ave., Chattanooga, Tenn., for plant. Poundstone, Ayers & Godwin, Bona Allen Bldg., Atlanta, Archts.

**DORAVILLE**—General Motors Co. plans \$400,000 plant expansion.

**MACON**—Bibb Grocery Co. let contract to H. G. Finker Co., Box 432, for warehouse and office. N. J. Pascullis, Archts.

**MACON**—Dixie Dairies received bid of \$194,897 from Louis Briggs Construction Co., P. O. Box 570, for ice cream and milk processing plant. Kuhlke & Wade, 16 Campbell Bldg., Augusta, Archts.

**NAHANTA & HOBOKEN**—Brantley Telephone Co. received bids for headquarters building.

**SHELLMAN**—Columbian Peanut Co., Norfolk, Va., plans new warehouse.

## KENTUCKY

**CALVERT CITY**—B. F. Goodrich Chemical Co. let contract to the Fluor Corporation, Ltd., 2500 S. Atlantic Blvd., Los Angeles, Calif., for new \$5,500,000 plant.

## LOUISIANA

**ALEXANDRIA**—Firestone Tire & Rubber Co. let contract to R. J. Jones & Sons, P. O. Box 991, for \$85,000 Firestone service store building on Bolton Ave. & Magnolia Sts.

**ARABI**—American Sugar Refining Co. let contracts for sugar refinery factory and structures, W. Horace Williams Co., 833 Howard Ave., New Orleans, for upstream and downstream mooring facilities and for large train shed and loading platform; Shamrock Construction Co., 8 Shadow Lane, Metairie, New Orleans, for chemical storage building and customs office building and Boh Brothers Construction Co., 2400 Cypress St., New Orleans, for small train shed and loading platform.

**AVONDALE**—Avondale Marine Ways, Inc., plans \$500,000 plant.

**BATON ROUGE**—Louisiana Creamery, Inc., 2400 Plank Road, let contract to L. W. Eaton Co., Inc., P. O. Box 387, for \$57,250 garage building. Budman & Murrell & Smith, 1175 Nicholson Dr., Archts.

**GREENSBURG**—St. Helena Parish Police Jury received bids for natural gas transmission line and distribution system.

**HARVEY**—Swift & Co. let contract to Gervais F. Favrot Co., Inc., Balter Bldg., New Orleans, for tube mixer installation.

**LAFAYETTE**—Keller's Bakery, 212 Oak Ave., let contract to Farmers Lumber Co., Carencro Highway, for bakery addition.

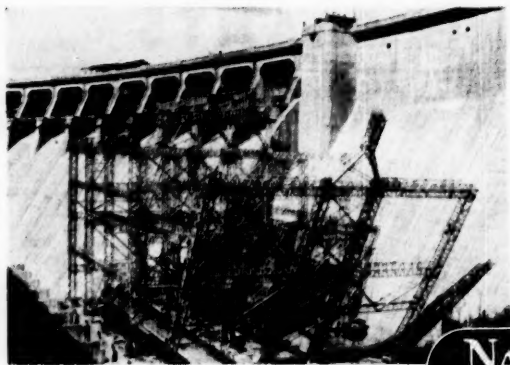
**MONROE**—City Council let contract to General Electric Co. at \$121,467 for furnishing and installing 13,800 volt switchgear, substation and auxiliaries for addition to steam-electric generating station.

**NEW ORLEANS**—American Brewing Co., 717 Bienville St., received bids for malt bin, cost \$20,000. Stone Brothers, 820 Union St., Archts.

**NEW ORLEANS**—August Arace & Sons, Inc., let contract to Oatis W. Sharp & Son, Inc., 2401 Rousseau St., for \$39,890 one-story and mezzanine warehouse and office building at 1333 Japonica St., Murvan M. Maxwell & Associates, 401 Vincent Bldg., Archts.

(Continued on page 14)





**T**HE Nashville Bridge Company will gladly quote on structural steel requirements anywhere in the South and Southwest. Our skill in the fabrication and erection of intricate steel structures is well-known. We are particularly qualified to supply the Power Distributing Industries with transmission towers and switchyard structures,—hot-dip galvanized after fabrication. Fabrication and erection of both steel and machinery for movable type bridges is a specialty. Look to Nashville for simple steel requirements as well as intricate structural jobs.

Plants and offices in Nashville, Tennessee and Bessemer, Alabama. We also own and operate the Bessemer Galvanizing Works—largest galvanizing plant in the South.

**NASHVILLE BRIDGE COMPANY**  
NASHVILLE, TENN. — BESSEMER, ALA.



## NEW AND EXPANDING PLANTS

(Continued from page 13)

**NEW ORLEANS**—Diamond Paper Co., Ltd., 416 South Peters St., received bids for building alterations.

**NEW ORLEANS**—The Fulton Bag & Cotton Mills, 1100 S. Peters, let contract to E. B. Ludwig Construction Co., 1350 Jefferson Highway, for \$1,058,000 plant.

**NEW ORLEANS**—Howard Motors, Inc., 901 St. Charles Ave., let contract to E. B. Ludwig Construction Co., 1350 Jefferson Highway, for \$891,000 warehouse.

**NEW ORLEANS**—Lone Star Cement Corporation, 812 Gravier St., received bid from Gurtler, Hebert & Co., Inc., P. O. Box 8066, for \$80,153 plant.

**NEW ORLEANS**—Pontchartrain Motor Co., 719 Baronne St., plans 2-story sales and service building, 910 Girod St. Edward B. Silverstein, 302 Magazine St., Archt.

**NEW ORLEANS**—Shell Oil Co., 1407 Pere Marquette Bldg., received bids for new station building, 1228 N. Broad St.

**NEW ORLEANS**—Southland Canning & Packing Co. let contract to Haase Construction Co., Inc., P. O. Box 7157, for \$51,600 warehouse. Fayrot, Reed, Mathes & Bergman, Nola Bldg., Archts.

**NEW ORLEANS**—Texas Co., 1501 Canal St., received bids for new Texaco Service Station, Almonaster Ave. & N. Derbigny St.

**SHREVEPORT**—Cotton Baking Co., 2524 Samford Ave., received bids for new addition and alterations to present baking plant.

### MARYLAND

**BALTIMORE**—Board of Estimates approved Port of Baltimore Commission's plan to lend \$3,200,000 to National Can Co. for waterfront improvements at Fells Point, including new wharfage, storage and warehousing facilities.

**BALTIMORE**—Branch Motor Express Co. let contract to John K. Ruff, Inc., 100 W. 22nd St., for \$20,000 platform, 110 S. Kresson St.

**BALTIMORE**—The Chesapeake & Potomac Telephone Co. let contract to Steiner Construction Co., 2122 Maryland Ave., at \$247,200 for Boulevard Center Building, 3034 Putty Hill Ave. James R. Edmunds, Jr., 1025 St. Paul St., Archt.

**BALTIMORE**—Chesapeake Paperboard Co., Fort Ave. & Woodall St., let contract to George H. Dashiell & Sons Co., 223 E. 33rd St., for \$40,000 office building and garage, 1001 E. Fort Ave.

**BALTIMORE**—Davison Chemical Corp., 101 N. Charles St., let contract to Consolidated Engineering Co., 20 E. Franklin St., for \$36,000 storage and manufacturing building, 5500 Chemical Road.

**BALTIMORE**—Eastern Overall Co. let contract to Armiger Construction Co., 2127 Maryland Ave., for \$26,000 laundry and parking desk, 2812 Wilkins Ave.

**BALTIMORE**—The John H. Grau Co., 3 E. Madison St., let contract to Anchor Construction Co., 6 W. 23rd St., for \$150,000 warehouse, 2604 Sisson St.

**BALTIMORE**—E. H. Koester Baking Co., 650 W. Lexington St., plan \$20,000 garage, 241-45 N. Arch St. Dietrich Brothers, Archts.

**BALTIMORE**—Maryland Glass Corp., 2147 Wilcomico St., let contract to Consolidated Engineering Co., 20 E. Franklin St., for \$38,400 warehouse, 2150 Wilcomico St. Harry H. Moulton, 117 Oak Drive, Catonsville, Archt.

**BALTIMORE**—Motor Cargo, Inc., 1501 S. Caton Ave., received bids for motor freight terminal, Benson Ave. near Patapsco.

**BALTIMORE**—National Brewery Co. let contract to Consolidated Engineering Co., 20 E. Franklin St., for \$35,000 storage vault, 3620 O'Donnell St.

**BALTIMORE**—Revere Copper & Brass Co. plan \$25,000 store room and shop, 1601 S. Highland Ave.

**HOWARD COUNTY**—Judge James Clark, Howard County Circuit Court, considering petition of Fed-Er-Line Truck Body Co. for permission to build addition to its plant, S. side of U. S. Route 40, about 2 miles West of Baltimore County line.

**TOWSON**—Baltimore County Zoning Officials Wilsie Adams, Deputy County Zoning Commr., granted permit to County Commissioners for gasoline service station at N.W. cor. Fairmont and Pennsylvania Aves.

### MISSISSIPPI

**AMORY**—Monroe County Electric Power Association let contract to Lee Watson &

Son, Hamilton, Miss., for \$75,957 headquarters building, Spain & Biggers, 1511-14 Deposit Guaranty Bank Bldg., Archt.

**BATEVILLE**—Mayor & Board of Aldermen received bid of \$20,100 from Etheridge Construction Co., Clarksdale, for factory addition for Batesville Company. Pritchard & Nickles, Tunica, Archts-Engrs.

**CALHOUN CITY**—Calhoun City Telephone Co., Inc. let contract to Ball Building Supply Co., at \$32,900 for exchange building.

**GRENADE**—Mayor & Board of Aldermen let contract to Moss Brothers for \$41,288 factory for Grenada Industries. Pritchard & Nickles, Tunica, Archts-Engrs.

**JACKSON**—The Standard Life Broadcasting Co., Inc., received bids for new television transmitter station and studio building, Spain & Biggers, Deposit Guaranty Bank Bldg., Archts-Engrs.

**SENATOBIA**—Mayor & Board of Aldermen let contract to McDaniel Brothers Construction Co., 322½ S. Main St., Jonesboro, Ark., at \$199,999 for industrial plant building for William Carter Co. of Needham Heights, Mass. Robert B. McKnight, P. O. Box 5, Tupelo, Archt.

**TISHOMINGO**—Tishomingo County Board of Supervisors, Iuka, received bids for factory building to be occupied by Blue Bell, Mid-South, Inc. Feemster & Connett, P. O. Box 327, Tupelo, Archts.

**TUPELO**—Mayor & Board of Aldermen received bids for factory for Rich Industries, Inc.: Contract A—foundations and masonry office wings, Boozer Transit Mix, Tupelo, \$75,615; Contract B—steel buildings, Mitchell engr. Co., P. O. Box 246, Columbus, \$113,998; electrical work, Furr Electric Co., Tupelo, \$27,327. Frank Kincannon, Glasgow Bldg., Tupelo, Archt.

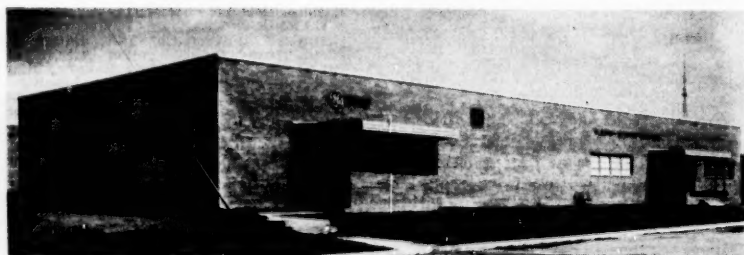
**YAZOO CITY**—Board of Supervisors of Yazoo County received bids for additions to structural steel and aluminum ammonium nitrate building at Mississippi Chemical Corporation.

### MISSOURI

**EAST ST. LOUIS**—Wabash Railroad Co. let contract to H. B. Deal Construction Co.,

(Continued on page 59)

## TRINITY INDUSTRIAL DISTRICT



"Under the  
Skyline  
of Dallas"

the new home of

**G-E X-RAY COMPANY**  
**HARRIS SEYBOLD CO.**  
**CARVER SOUND EQUIPMENT**  
**CO.**

For information about the Trinity Industrial District consult your real estate broker or . . .

**INDUSTRIAL PROPERTIES CORPORATION, 401 Republic Bank Bldg., Dallas, RI-6552**



Subj : **Expansion "Progress  
Report" From Connors**

To : **All Connors Customers**

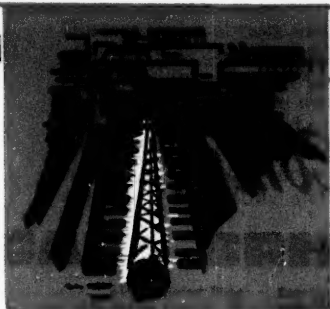
1. Approximately one year has passed since the completion of Connors' expansion program. This program, which increased production by more than 40 per cent, also enabled us to serve you with a new range of shapes and sizes. Further, a higher quality steel was achieved.

2. Our new electric furnace, new rolling mills and other expanded facilities are now operating smoothly.

3. We are grateful to all Connors customers for their business and goodwill. We invite inquiries from both present and prospective Connors customers.

**CONNORS  
PRODUCTS**

CONCRETE REINFORCING BARS  
HOT ROLLED STRIP  
MERCHANT BARS  
SPECIAL SECTIONS



**NAMES LIKE THESE**

**"MAKE IT *South*"**

**Westinghouse**



**ALLIS-CHALMERS**

**Van Heusen**

**B.F. Goodrich**

**GOODYEAR**

*Vanity Fair*

**GENERAL  ELECTRIC**



**T**HESE are names that everybody knows—among those of front rank who have established operations in Alabama.

Other firms with names of equal significance in their special fields likewise have selected Alabama as a place in which they do some or all of their manufacturing operations. They "Make it South" and sell it South, North, East and West.

Many industries, planning to change or expand their operations have found Alabama an ideal location. Some have asked our assistance in helping them develop facts on which to base their decision.

This service is available to you without charge or obligation. All correspondence will be confidential.

**Industrial Development Division**

***Alabama Power Company***

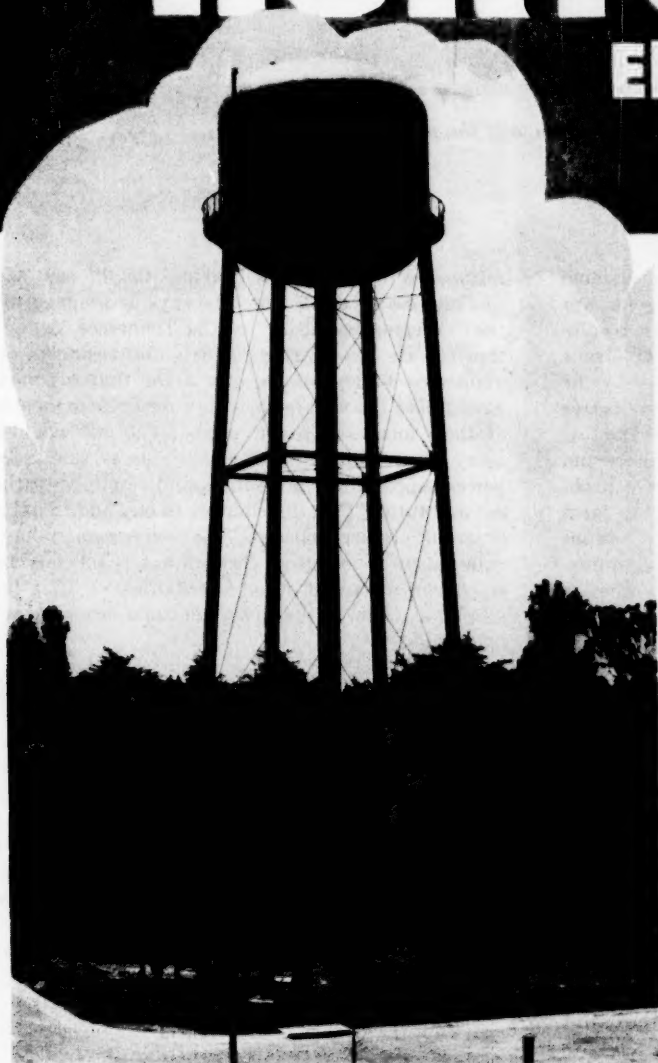
**Birmingham 2, Alabama**

***Helping Develop Alabama***

**MAKE it South — MAKE it in Alabama! SELL it South, North, East and West!**

# HORTON

## Elevated Tank



### for Fire Protection and General Service at Hatch Mill

The 125,000-gal. Horton\* elevated tank shown at left was installed to provide the primary water supply for the Deering-Milliken Mill's Hatch Mill at Columbus, North Carolina. One-half of the capacity of the elevated tank is available for general service needs such as boiler water, dyeing, etc.—the other half is reserved at all times for fire protection. The automatic sprinkler system at the plant was installed by Daniel Construction Company.

Horton elevated tanks, piped for dual service, provide an economical solution to industrial water problems. Ellipsoidal-bottom tanks, like the one shown here, are available in standard capacities from 15,000 to 500,000 gallons.

### Field Welding Supervisor Plays Important Role

Horton tanks always measure up to specifications, because we assign a Field Welding Supervisor to inspect every welded structure we build. It is his job to help train and qualify welders, check welding equipment and supervise welding techniques. He assists with the cutting and grading of

test plugs and helps magnaflux, x-ray or stress-relieve welds when called for in the specifications . . . all at *no extra cost to you!*

Write our nearest office for estimates or quotations on a Horton elevated water tank.

*\*Trade Mark Registered in U.S. Patent Office.*

## CHICAGO BRIDGE & IRON COMPANY

Atlanta 3 ..... 2145 Henley Bldg.  
Birmingham 1 ..... 1530 North Fifth St.  
Boston 10 ..... 1020—201 Devonshire St.  
Chicago 4 ..... 2106 McCormick Bldg.  
Cleveland 15 ..... 2216 Midland Bldg.

Detroit 26 ..... 1510 Lafayette Bldg.  
Havana ..... 402 Abreu Bldg.  
Houston 2 ..... 2114 C & I Life Bldg.  
Los Angeles 17 ..... 1517 General Petroleum Bldg.  
New York 6 ..... 3313—165 Broadway Bldg.

Philadelphia 3 ..... 1619—1700 Walnut Street Bldg.  
Pittsburgh 19 ..... 3223 Alcoa Bldg.  
San Francisco 4 ..... 1540—200 Bush St.  
Seattle 1 ..... 1320 Henry Bldg.  
Tulsa 3 ..... 1611 Hunt Bldg.

PLANTS IN BIRMINGHAM, CHICAGO, SALT LAKE CITY AND GREENVILLE, PENNSYLVANIA

# LITTLE GRAINS OF SAND

*"Little drops of water, little grains of sand,  
Make the mighty ocean, and the pleasant land."*

**Political Footballs?** Democratic Congressional leaders are right when they say that the Eisenhower Administration has not yet found a long range solution for the farm problem. But the time will come when farmers will get fed up with being wooed by the party out of power which makes bigger and better promises in the hope of votes at a coming election.

The Democrats were in power for twenty years and failed to produce a sound solution to the farm problem. True, they proved themselves masters at farm emergency relief, and at this the Eisenhower Administration picked up right where the Truman Administration left off. Thus as far as emergency relief is concerned it seems as though the farmers can sit back and relax regardless of which party may be in power. But intelligent farmers—and most farmers have a lot of good common sense—want a sound farm policy instead of an indefinite series of political rewards and stopgaps.

**Taft-Hartley.** In spite of the fact that it is human nature for employers to try to obtain labor at reasonable wages, and for labor to seek the highest pay, the shortest hours and the maximum in fringe benefits possible, the fact remains that the best interests of both management and labor lie in cooperation. If business does not prosper, labor cannot prosper.

Had Senator Taft lived, the chances are that the "kinks" in the Taft-Hartley Law which the years of its operation have brought to light would have been corrected during the coming session of Congress. It is to be hoped that the Eisenhower Administration and the new Secretary of Labor will make proposals to Congress that hew to the line of these demonstrated weaknesses. The present mood of the nation does not appear to be one that will quietly tolerate any change that would strengthen the hands of labor moguls at the expense of union members, employers or the public.

**A Step in the Right Direction.** Representative Dondero, Chairman of the House Public Works Com-

mittee has ordered public hearings for the next session of Congress on a bill which he says is designed to halt the "creeping socialism" of the Tennessee Valley Authority. He has notified officials and residents of the Tennessee Valley and nearby areas that his measure would clear the way for private enterprise to meet some of their increased power needs. The bill would take away from TVA its authority to set re-sale rates on power supplied to wholesalers, and would permit present and future TVA distributors to buy additional power from private sources. The congressman has announced the hearings on this bill to city officials, farmer cooperatives and other distributors of TVA power as well as to more than two thousand newspapers and magazines.

**Steel Forecast.** The demand for steel is holding up much better than many expected it to earlier in the

Fall. As a result it is now expected that the industry will operate at a high rate for the rest of this year and the first few months of the next. It is worth noting that the current high rate of mill activity seems to be caused by immediate consumption rather than inventory accumulation.

While it is true that the market for some steel products, such as alloy steels, galvanized sheets, tin plate and wire, is relatively weak, it is also true that wide flange beams and other heavy shapes used in the construction of roads, bridges and large buildings still are in very tight supply.

**Confiscation.** For the past two decades the federal government has been following the course prescribed by Marx by imposing a "heavy progressive or graduated income tax," and while not abolishing the right of inheritance, the federal government has been increasing the rates of the death tax until the top rate is now 77%.

When Americans speak of a dynamic economy they mean one in which yesterday's luxuries are today's conveniences and will become tomorrow's necessities.

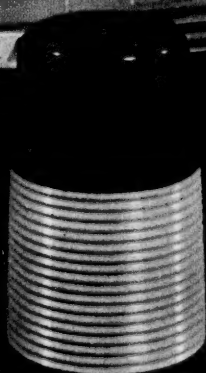
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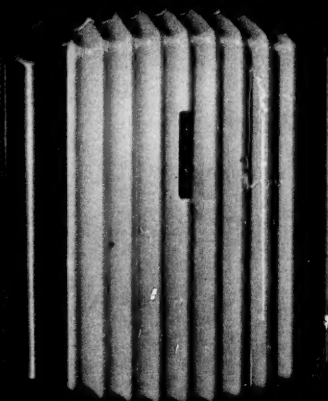
SOUTHERN  
ATHLETIC



SERVEL



ALADDIN



NUTONE

## "Farming" is our business!

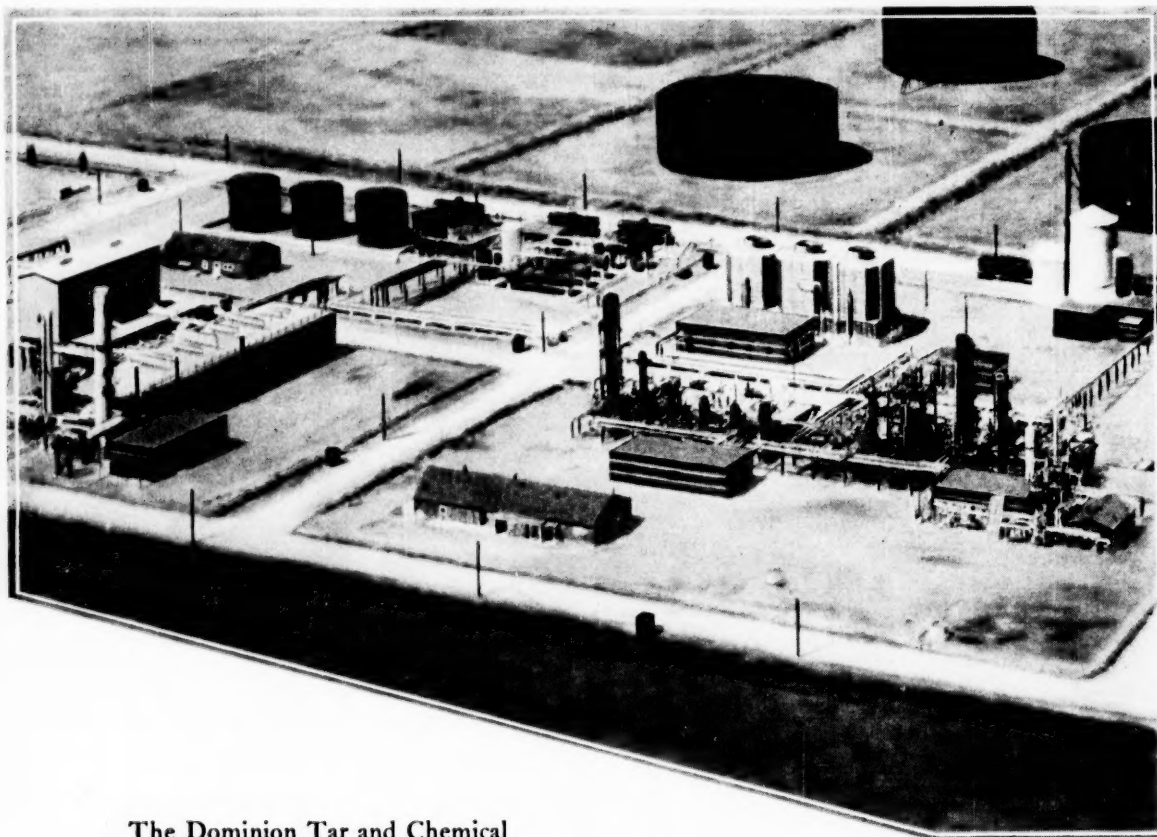
Companies demanding the best in the molding and decoration of plastics "farm out" their jobs to KUSAN, specialists in custom molding. So instead of cotton and corn, our crops are refrigerator parts, vacuum bottles, football helmets, chime covers, and innumerable other items for home, office and factory. The unlimited color range, economy and versatile properties of the thermoplastics add up to better products for today's more enjoyable living. KUSAN is well equipped to serve you efficiently from plants in Nashville, Tennessee, and Henderson, Kentucky. Call KUSAN on your next plastic job or when you'd like to compare plastics with other materials for your products.

# KUSAN, INC.

2716 FRANKLIN ROAD, NASHVILLE, TENNESSEE



# Chemicals FOR A FAST GROWING REGION



The Dominion Tar and Chemical Company's new plant at Montreal produces ethylene oxide, a component of detergents, solvents and plastics; and glycol, basic chemical in permanent type anti-freeze, explosives and synthetic fibers.

Design and construction of the plant, which has an estimated capacity of 25 million pounds of glycol per year, were by Stone & Webster Canada Limited, utilizing the facilities of Badger Process Division of Stone & Webster Engineering Corporation.

*At this plant, located near the St. Lawrence River, Dominion Tar and Chemical Company extracts ethylene from gas piped from nearby refineries, converts it to form ethylene oxide and glycol, and returns the unused gas for further processing.*



**STONE & WEBSTER ENGINEERING CORPORATION**

**AFFILIATED WITH STONE & WEBSTER CANADA LIMITED**

**E. B. BADGER & SONS LIMITED**

# The Lady was for burning



**I**N RURAL INDO-CHINA, a farmer once offered a traveler his prettiest daughter in exchange for a reading lamp and a drum of kerosene.

This happened, not fifty years ago, but within the last decade.

It is hard for Americans to imagine what life is like in the "have-not" nations of the world. Some communities in Honduras have never seen petroleum, nor any product thereof. In Western Africa it is not unusual to find one lamp in a tribal group of 15,000 people.

The fact that a country has no petroleum resources of its own is not always the reason for oil poverty. Many so-called "have-nots" live in land where oil could be found. What they really "have not" is the initiative to look for it!

The oil companies of America have a super-abundance of that great natural resource—Initiative. It is essential to their success. They cannot afford to discourage easily, for the odds are ten to one against a wildcat becoming a producer.

In spite of these odds, Cities Service has discovered some of America's historic oil fields. In the last five years, its geologists have added millions of barrels of much-needed oil to our national reserves. Because of these men, and others like them throughout the industry, we can be sure our country will never be one of the petroleum have-nots of the world.

## CITIES SERVICE

*Quality Petroleum Products*



## THIS PICTURE OF AN ECHO protects you from hidden flaws

**O**UR INSPECTOR sends a microscopic vibration through steel. The wave hits the opposite side of the billet or slab and echoes back. The echo draws a picture of itself on the Reflectoscope.

By means of this picture of an echo in the steel, we guard against shipping steel with invisible defects.

If the wave is disturbed by a buried flaw, it shows up in the squiggle.

With this ultrasonic testing, Republic protects customers. They need not waste machining on a billet which they would throw away later.

Republic Steel pioneered this electronic inspection of steel in 1945. It's Republic policy to use any device to improve quality.

### Republic's 3-FOLD SERVICE FOR STEEL USERS IS:

1. to produce more kinds of steel than any one else, using every practical means to achieve the best possible quality . . .
2. so that we can recommend from this world's widest-range of steels, the exact steel for your job—more like accurate prescription than selling . . .
3. then to help you with any fabricating problems so that you use the steel to your greatest advantage, utilizing our knowledge of the material.

It used to be that steels were fairly simple materials and buying steel was little more than handing over the cash. Today practically all steels are "special". The proper selection of a steel is about as important as the use of it. From your point of view, this explains the why and wherefore of REPUBLIC'S 3-FOLD SERVICE TO YOU.

# REPUBLIC STEEL

GENERAL OFFICES • CLEVELAND 1, OHIO



WORLD'S WIDEST RANGE  
OF STEELS  
AND STEEL PRODUCTS

# **SITE SEEING?**

Then by all means let us show you some of the excellent industrial locations in the six Southeastern States of Virginia, North Carolina, South Carolina, Georgia, Alabama and Florida.

An expression of your requirements will bring full details on outstanding sites in the Seaboard "PROFIT ZONE." No cost to you and we'll handle in strict confidence.

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**Warren T. White, Assistant Vice President  
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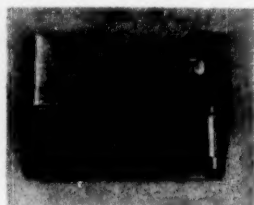


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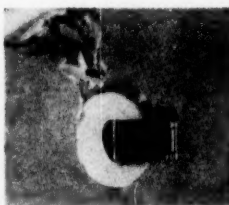
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OFFICES IN PRINCIPAL CITIES

## **LITTLE GRAINS OF SAND**

(Continued from page 18)

The progression in income tax rates from the beginning rate of 22.2% to 92% is progression of a most extreme character. It not only confiscates the larger incomes, but it bears most heavily on the middle incomes, the group at which Marx particularly aimed in his advocacy of heavy graduated income taxes.

Reason and the experience of other nations, and most recently that of England, demonstrate beyond all question that unless our policy of taxation is changed the system of society under which this country has prospered and grown great will come to an end and some form of socialism or communism will supplant it.

**Fragments of a Policy.** Still, it is both a curious and an incontrovertible thing that the nation lives in a different atmosphere, feels differently, and possesses a different view of the future than it did a bare eight months ago. One measure of it is that it takes a conscious effort to recall the way things were last January.

There is a puzzle in all this. For as the months progressed it was hard to notice the changes as they occurred. There was nothing dramatic about any of them. The controls did not stop together; they simply dribbled off. Silence came to Korea so slowly, and after so many false hopes, that the only pause in the nation was in the homes of those who served. No one can define the day when the fear of inflation fled.

President Eisenhower says truly that the record of his Administration is too short to be definitive. Yet it is also true that the changes wrought by eight months suggest something of the character and purpose of his Administration. There is a pattern even in the fragments of a policy.

What his Administration is doing, whether unconsciously or by design, is to alter not so much the specific programs of government as the underlying policy of governing. This altered, other changes follow—and sometimes to the surprise of those who wrought them.

The new Administration came to office without much idea of how to put the government's fiscal house in order, with no clear idea of what it could do to ease the tensions in the world, with misgivings as to how fast it could halt inflation and free the economy from its long accustomed controls.

But where their predecessors had thrown up their hands and said the government's budget was too big to manage, Communism too powerful a force to be met with more than resigned defense, and the people too helpless to be left to their own devices in a free economy—instead of this they came with a conviction that somehow all must be tried.

This, for our time, is a new policy of government. It is a policy which insists that people can do something to influence their own destinies both in the world and at home, that it is not necessary to bow with fatalism to "realities."

—Excerpts from an editorial in the  
*Wall Street Journal*

(Continued on page 28)



*extra whiteness*

for mass or contrast in architecture

plain or waterproofed



Trinity Division, General Portland Cement Co., 111 W. Monroe St., Chicago; Republic Bank Bldg., Dallas; 816 W. 5th St., Los Angeles; 305 Morgan St., Tampa; Volunteer Building, Chattanooga.

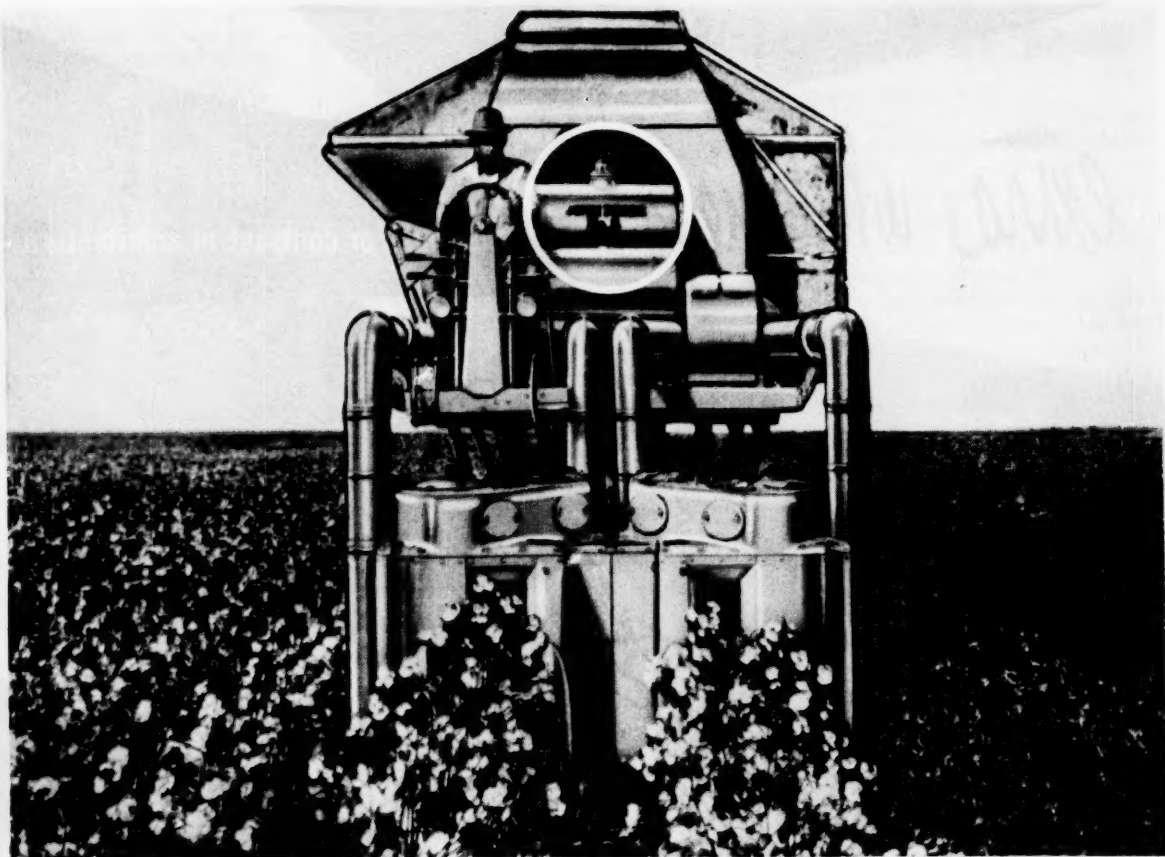
Industry finds many direct and indirect values in the use of Trinity White Cement for its structures. It is recommended for architectural concrete units, terrazzo floors, stucco, cement paint and special uses where beauty or light-reflection are factors. Trinity White—the *whitest* white cement, is a true portland cement that meets ASTM and Federal specifications

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Barbed spindles, revolving at 2,000 rpm, give the John Deere two-row cotton picker 1,120 mechanical "fingers". To help assure clean picking at 2 1/4 miles per hour, these "fingers" are automatically moistened each time they comb through the cotton bolls. The fifty-gallon "finger bowl" that provides a constant water supply is a Butler welded steel tank.

This tailor-made tank for the John Deere cotton picker is an example of the way Butler helps many manufacturers to solve specialized steel fabricating problems, and to meet production

schedules. Here are some of the ways we can fabricate steel for you:

Steel plate work . . . stainless steel fabrication . . . code pressure vessels . . . welded structurals . . . boiler breeching and stacks . . . tanks for all purposes . . . press forming, breaking and punching . . . anhydrous ammonia bulk storage tanks . . . LPG bulk storage tanks . . . feed mill bins and hoppers.

Modern plant facilities, rigid inspection, and more than 50 years' experience are your guarantee of quality. Write, phone or wire for complete information, today!

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**Manufacturers in The Land of Plenty can give you the answer!**

Let's say you're planning to build a plant requiring a labor force of 250 men and women capable of producing 25,000 units per day.

If you locate your plant in a region where such workers are available to you, you've met your *requirement*.

But if you locate it in a region where those 250 workers are not only available, but available with a productive quality enabling them to produce *more* units per day — you've got an *advantage*!

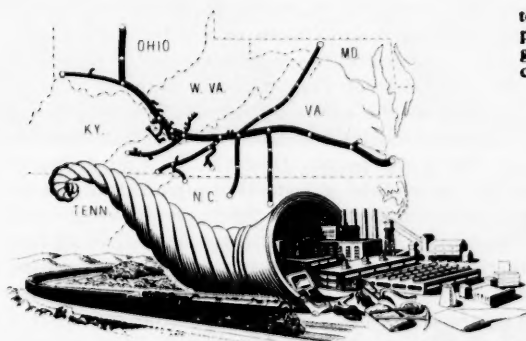
And that's the Difference!

Ask some of your manufacturer friends who have operated plants in other regions and are now operating in *The Land of Plenty*. They'll tell you they find higher productivity per man here. That's because intelligent manpower is available in skilled, semi-skilled and unskilled categories, because these workers are readily adaptable from one type of manufacture to another, and above all else, because they're *home-rooted* and can be relied upon to stay on the job through the years.

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Plants at New Orleans; Winnfield, La.; Louisville, Miss.;  
Jackson, Tenn.

## LITTLE GRAINS OF SAND

(Continued from page 24)

**Two Ways.** There are two ways in which a resumption of gold payments might come about.

One would be to have a continuing and steady depreciation of paper money, but at an increasing speed, until in the final stages there was reached the swift spiral such as was exhibited in Germany after the first World War when the value of the mark fell from one hour to the next. When the paper money thus becomes valueless, gold returns as the only acceptable medium of exchange. This has been the historic cycle.

The other way is to stabilize the currency, which the present Administration is attempting to do with some success, and the resumption of convertibility when that stabilization has been accomplished. An example of that was the resumption of specie payments in this country after the Civil War, an operation which was carried out without dislocation.

**Proper Federal Financing.** As the Treasury turns from banks to free and open markets and thus increases its demand for the use of people's savings, it is to be expected that the government must pay interest rates substantially higher than those that prevailed when it financed itself in such high degree by selling its debt to banks in exchange for deposits and Federal Reserve notes.

To the extent that the United States Treasury is able to borrow and to fund and refund existing Federal debt by inducing savers to invest in its securities at prevailing rates in free open markets, it is able to return to proper and prudent methods of financing its needs and to avoid adding to the unfortunate consequences which have arisen and may be expected to flow from the practice of monetizing Federal debt unwisely pursued by our government in recent years, particularly since 1941.

Officials of the Treasury who are now endeavoring to return to proper methods of Federal financing should have the support of all who desire correct administration of Federal fiscal affairs.

**Grants-in-Aid.** The threat to our Federal system of government is not so much the growth of the central government in absolute terms as it is the shift in governmental responsibilities from the state and local level to the national level. This shift has occurred in many areas, such as the valley authorities, pre-emption of the tax base, and the regulatory control over the economic life of the people. However, it is most clearly identified in the field of Federal grants to states. These grants have transferred more funds, involved more civil servants, formulated more far reaching policies leading to more significant developments over the years than any other single area of Federal-state relations. However, signs are appearing to support the hope that a reversal of the centralization trend may be on its way.



**IN PITTSBURGH'S GOLDEN TRIANGLE . . .**

# **34,200 Tons of Steel Frame Construction by AMERICAN BRIDGE in 24 months!**

PITTSBURGH's new buildings have been the talk of the business world. Few cities anywhere have experienced as much commercial construction in so short a time.

For example, in the famous Golden Triangle, busy hub of this hustling metropolis, American Bridge alone erected 34,200 tons of steel framework for six towering new buildings in the two year period between April 3, 1950 and March 31, 1952.

American Bridge fabricated and erected all structural steel for the 41-story building known as 525 William Penn Place; the 31-story Alcoa building; the three Gateway Center buildings (one of which is 24-stories, and two 20-stories); and the 20-story Bigelow Apartment House.

Such an accomplishment is unusual only in the fact that all buildings are located in the downtown area of a single city . . . and that all were under construction at practically the same time. The interesting point is that one company had the facilities, the skilled manpower, and the engineering know-how to handle six sizable jobs like these with such speed and efficiency without disrupting the time schedule of the numerous other construction projects which it was handling in other parts of the country.

It only goes to prove that no job is too large for American Bridge. If you would like to know more about the advantages of American Bridge fabricated and erected construction, call our nearest office.



## **RECENT ADDITIONS TO PITTSBURGH'S SKYLINE**

**525 William Penn Place**  
14,000 tons of Structural Steel

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6,400 tons of Structural Steel

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12,000 tons of Structural Steel

**Bigelow Apartment House**  
1,800 tons of Structural Steel

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# **AMERICAN BRIDGE**



**UNITED STATES STEEL**

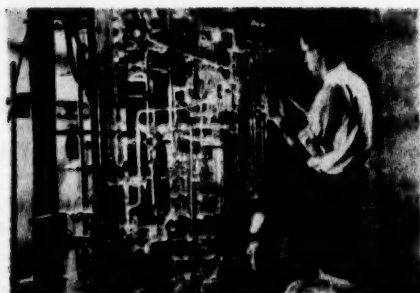


# RESEARCH TURNS RESOURCES INTO PROFITS



*This is "Southern City," U.S.A. It's our way of expressing as a unit the vast southern area of 100,000 square miles and 6,300,000 people served by the four associated electric power companies of The Southern Company system.*

## in SOUTHERN CITY, U.S.A.



Highly trained scientists of Southern Research Institute, Birmingham, ferret out new and better manufacturing processes. Their work is typical of research activities being carried on throughout the South.



Throughout the nation businessmen, editors and publishers are acclaiming the tremendous industrial and agricultural advances made in Southern City during the past decade. Over 125,000 stockholders of The Southern Company, located in every state in the Union, are vitally interested because this progress assures a constant and growing demand for electric power.

Researchers are busy in Southern City, U. S. A., and manufacturers, businessmen and farmers are turning research findings into new and profitable enterprises every day.

In every phase of industry and agriculture, advanced processes developed by southern scientists have opened the way to countless new developments—newsprint from southern pine, plastic products of all kinds, modern poultry raising methods that give the area one of the largest broiler industries in the nation—to name only a few.

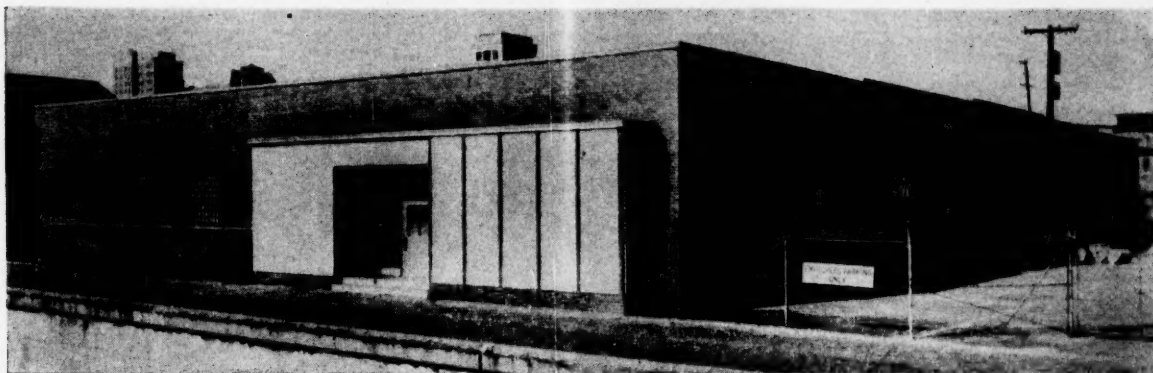
Abundant resources, ample electric power and alert technical leadership have provided a sound basis for an industrial and agricultural expansion that has out-stripped the rest of the nation. But great as progress has been in the past, scientists working hand-in-hand with businessmen are proving daily that the possibilities in Southern City and the South are unlimited.

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302	2B	22, 24	36 x 120	304	HRAP	3/16", 1/4"	48 x 120
302	4 O.S.	14, 18, 22, 24, 26	36 x 120	304	HRAP	1 1/2"	60 x 144
302	2B	16, 18, 20, 22	48 x 120	304	HRAP	3/16", 1/4", 3/8", 1/2"	72 x 144
302	4 O.S.	14, 16, 18	48 x 120	316	HRAP	3/16", 1/4", 3/8", 1/2"	72 x 144
304	2B	10, 11, 12, 14, 16, 18, 20	48 x 120	316	HRAP	1 1/2"	60 x 144
304	2B	14	66 x 96				
304	2B	16	72 1/4 x 96				
316	2B	10, 11, 12, 14, 16, 18	48 x 120				
430	2B	24	36 x 120				
430	4 O.S.	22, 24	36 x 120				
<b>ANGLES IN RANDOM LENGTHS</b>				<b>ROUNDS IN RANDOM LENGTHS</b>			
TYPE	FINISH	GAUGE		TYPE	FINISH	GAUGE	
304	HRAP	1/4 x 2 x 2		303	A&CD	1/8", 3/16", 1/2"	
304	HRAP	5/16 x 3 x 3		303	A&CG	5/8", 3/4", 7/8", 1", 1 1/4", 1 1/2"	
316	HRAP	1/8 x 1 1/2 x 1 1/2				1 3/8", 1 1/2", 1 3/4", 2", 2 1/4"	
316	HRAP	1/4 x 2 x 2				2 1/2", 3"	
316	HRAP	1/4 x 2 1/2 x 2 1/2		316	A&CD	1/8", 3/16", 1/4"	

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*"What Enriches the South Enriches the Nation"*

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## Test of Statesmanship

In the present Congress under the guidance of the Eisenhower Administration, the Taft-Hartley Law is in greater danger of repeal by emasculation than at any time since its enactment.

The Taft-Hartley law was passed over presidential veto in 1947 as a direct result of general public indignation against the alliance between the Truman Administration and the big labor bosses and the flagrant abuses of their power by these union bosses. Its purpose was to prevent any special group from being above the law and being able to disregard the rights of individuals, be they employees, employers or just plain citizens. To accomplish this, the law forbade the closed shop and secondary boycotts, attempted to safeguard welfare funds and established certain definite procedures for dealing with strikes affecting the national welfare.

The Taft-Hartley Law has been in effect long enough to demonstrate that, while not perfect, it has worked fairly, has not harmed unions or the labor union movement, and that the hate campaign conducted against it by labor despots and their mouthpieces was entirely unjustified.

That the Republican Party, elected to power in spite of the 100% opposition of the union bosses should now plan to court these same labor commissars seems unbelievable. But how else can the 19 recommendations for changing the law be explained? Had it not been for Senator Taft's untimely death, the White House would have presented these changes to Congress before adjournment, as an Administration proposal.

President Eisenhower has demonstrated many times his sincere determination to deal fairly with all groups in our society so that the welfare of all may be safeguarded. He has also proved the basic soundness of his economic concepts. But he has had little, if any, first hand experience or knowledge in the labor relations policy field, and has had to depend unduly on the opinions of his intimate advisors, many of whom come from New England and New York where unionism is most strongly entrenched. These men are convinced that the Republican Party can remain in power only if it buys the union bosses with special privileges.

There was no indication until Mr. Durkin resigned as Secretary of Labor that President Eisenhower was aware of the planning within his Administration to sell out basic principles of labor policy in order to woo the hoped for support of A.F.L. leaders. Let us hope that his eyes have now been opened. If they have not been, the Taft-Hartley Law is doomed.

Republicans and Southern Democrats passed the Taft-Hartley Law. Today the Southern Democrats have not changed their views but the Republicans' position is quite different. For them, it was easy to oppose Truman's pro-labor bias but it would be a very difficult thing for them to oppose the recommendations of the first Republican President in twenty years. It is almost impossible without the sane guidance of a Senator Taft.

This dumps the problem of national labor policy squarely in the President's lap.



# German Elections Indicate Drift Toward Free Enterprise

Great Britain, Australia, New Zealand Also  
Realize Nationalization Is No Panacea

By Robert S. Byfield

Financial Editor

THAT the re-election of Chancellor Konrad Adenauer of West Germany and his Christian Democrats had a deep political significance not only for the free nations of the West in general but for the United States in particular is now a well known fact. But free enterprise shared the victory at the polls, while socialism suffered a set-back. In this connection, it is interesting to note that a committee of German citizens calling themselves "The Society for the Promotion of Social Adjustments" took an active part in the campaign to enlighten the German people on the importance of free enterprise and the necessity for maintaining it. In their advertisements and literature they showed why the West German economy enjoyed such a prompt post-war recovery. They credited the generous help given by the American people. They praised such conservative actions as the German reliance on a sound currency system, the scrapping of food rationing, the abolition of price controls and the return to a free market where the prices of commodities were governed by the action of supply and demand. They stressed the avoidance of socialist planning. They praised the rise in industrial production which followed the encouragement given to savings, thrift and investment. They mentioned the role of businessmen in expanding their factories and the role of labor in cooperating with management.

It took courage to back principles like these in a Western Europe which had resorted more and more to socialist welfare state methods. However, Adenauer's victory with its conscious back of free enterprise policies was not an isolated incident in recent European history. Over four years ago, in July 1949, an official of the German Socialist Party, one of the losers in the 1953 election, made a remarkable prediction in West Berlin to a group of Americans, including the writer. He stated that socialism had reached its peak and in the coming years would decline in influence as a political philosophy. He claimed a special right to this view since his party was the political heir of Chancellor Bismarck who, in the late

decades of the 19th Century, had been the father of the modern welfare state. He predicted that the British Labor Party, then in power, would fail to act as a bridge or Third Force between Eastern European Communism on the one hand and American Free Enterprise Capitalism on the other. He reasoned that the people in many countries had been frightened by the excesses to which collectivism had gone on the Right as exemplified by Hitler and Mussolini and on the Left as exemplified by Stalin.

Since that prediction in 1949 there have been noticeable trends away from socialism in New Zealand and Australia. The Conservatives have been returned to power in Great Britain and the United States has elected a Republican Administration. Only a few weeks ago the British Trade Union Congress urged a "go slow" policy on any future socialistic schemes to nationalize that country's industries. This was considered a rebuke to the Labor Party's left-wing Aneurin Bevan who had been in favor of more socialism. And in the United States, Norman Thomas, veteran socialist leader, in a pamphlet issued earlier in 1953 watered down his views on socialism.

Five or ten years ago it was fashionable on the part of many people who should have known better to say that socialism was the "wave of the future." Today, these commentators are conspicuous for their silence. By their faith and their actions it remain only for the believers in free enterprise, including the American investing public, to help speed the return to those sound economic and financial policies which have made our high standard of living possible. It is evidence that socialism may be falling off the bandwagon of history.

Quotations for common stocks have recovered somewhat from their September lows. There is little doubt but what in many cases the selling was overdone as we have previously pointed out in this column. Emotional factors played a very considerable part as always. Some of the gloom which had settled down over the financial community in New York and elsewhere was in part dissipated by the

reduction in the British bank rate from 4% to 3½% on September 17th. The British securities markets which had been rising were further stimulated. Sympathetic to the British action our own bond market rallied, and the new Treasury 3½s of 1978-1983, which had dropped as low as 98½ last June, rose above 102. Obviously this caused some buoyancy in the corporate and municipal bond markets and insured the success of a large volume of new financing offered to the public.

It is extremely doubtful, in our opinion, that any business decline that we may be facing will be comparable to that experienced in the 1930's. It is true that in the decade from 1929 to 1939 our economy failed to live up to its previous record of steady expansion. There was a subnormal recovery from 1932 to 1935 and a subnormal prosperity which reached a high in 1937. But at that time the United States Government committed itself to an entirely new fiscal policy, to new and harsh labor legislation and to a basic change in its attitude to private enterprise. The impact of policies of this character had detrimental results upon the formation of capital. For the first time since reliable statistics were available, the sum total of our national productive plant retrogressed. It occurs to us that the changed attitude of the American people toward business and the incumbency of the present administration in Washington make it likely that a new depression would be dealt with in a different spirit than it was twenty years ago. Then our productive apparatus was stalled, but its soundness for the long pull should not be questioned. It might be dangerous for investors to attempt to re-live history.

Most third quarter earnings statements will make pleasant reading for shareholders. Of course, the vacation season and the performance of certain industries may cause the record to be rather spotty. Month to month railroad and electric utility earnings which make their appearance regularly are fully up to expectations. Despite the issuance of additional common shares in many instances the per share earnings of most electric utility and telephone companies are indicating constant broadening of the market for their services. Some of the issues of such companies with above-average yields should benefit from any lowering of money rates.

## Oklahoma G&E Co. Opens New Plant

Oklahoma Gas & Electric Co., has unveiled their new \$9,500,000 Arbuckle plant near Sulphur. Elaborate ceremonies were held for civic leaders from throughout Oklahoma. The plant employs 33 men and boasts the largest single generator in the state—weighing 136 tons and generating 81,500 kilowatts.

The new plant is located on State Highway 18 one mile north of Sulphur and is one of OG&E's seven plants in the state.



# Bankers liberalize policy

**Capital loans for machinery and equipment, as well as consumer loans are now being made to a greater degree than ever before.**

**By Caldwell R. Walker**

*Editor, Business Trends*

**J**UST what part do Southern bankers play in the Region's industrial expansion?

This is a question rendered especially pertinent by the statement of a high government official at the recent bankers conclave in the Nation's Capital.

The aforesaid statement was to the effect that it behooved bankers to "loosen up" and grant loan more freely and to pay higher interest rates of time deposits if this should be necessary to obtain loanable funds.

In the background of the statement was the possible threat that the government might step in and do whatever the bankers might fail to do.

However, all who are familiar with current financial conditions will be inclined to view the statement more as a prediction than as a threat.

The fact is that bankers were already in the process of doing all that the statement included, even before the statement was made.

And the reason they were doing these things was not by reason of fear of threat, but rather by reason of the time tested law of supply and demand.

From all sections of the country come reports of lessening demand for bank loans of nearly all types.

Whereas, earlier, bankers had been expressing the view that money was becoming tighter and loans harder to make, by the beginning of the current month this attitude was being reversed with the belief by most bankers that funds were going to be ample for all useful purposes.

Aside from these developments, it is of interest to all Southerners to keep check on the part played by the Region's banks in the all important field of industrial expansion.

Historically, the banks of the Nation have played a most important role in the development of industry.

As far back as the present generation can remember, Americans have looked first and last to their banks when pressed by the need for additional liquidity.

Between the first and the last there were, and are, a number of alternatives, including now certain government agencies; but the banks of the Nation are

still universally the medium of first and last choice.

Trends in banking show some deviation in the South from the general trend of the Nation, but such deviation is of minor nature. Generally speaking, banking in the South follows the same principles and reveals the same statistical blueprint as that in the Nation at large.

It is interesting to note what has occurred in the way of bank loaning activity over the past quarter century.

Taking 1929, a high point in prewar business activity, bank loans represented 26 per cent of all net private debt. Bank loans in that year, according to the Federal Reserve Board, totaled \$41.9 billion. Net private debt, according to the Department of Commerce, totaled \$161.2 billion.

In 1939, bank loans were \$28.7 billion, net private debt was \$124.3 billion. This was a percentage of 23 for the banks.

Passing from the past to present, bank loans in 1952 totaled \$75.5 billion, and net private debt, \$302.7 billion. This time, a percentage of 25, higher than for the low activity period of the late thirties, and almost on a par with the high activity period of the late twenties.

From these comparisons it would appear, and probably truly so, that the banker's role in National and Regional development is little changed from its historic relationship.

If any change has occurred, it would be in the direction of liberalization of lending policy, for it is since 1929, and affecting both 1939 and 1952, that government's competing role as banker has made itself felt by the National economy.

When the subject is considered from an academic standpoint, the question is, and always has been: Is banking policy as liberal as it should be in the matter of granting loans?

Turning the clock back again may prove enlightening. Time was, within the memory of present day business men, when a banker, approached for what is generally termed a "capital" loan, would have lifted his eyebrows several degrees, blown his nose a couple of times, and wound up with the remark that a storm

appeared to be brewing on the western horizon.

By capital loan, in those days, was meant a loan with which to provide machinery or equipment.

Inventory loans, which also are essentially capital loans, were all right then as they are today.

Also plant loans involving real estate were readily granted, even though such loans might be subject to amortization over a long period of years.

But the oldtime capital loan involving tools and machinery was strictly taboo. And for very good reason.

Capital loans of any kind are risk loans, and since banks act largely as trustees for deposited funds, risk in an element to be avoided as far as possible.

Machinery loans are especially risky. Being generally used for specialized purpose, tools and equipment are not readily convertible, and convertibility is a cardinal requisite in the matter of security.

Some will ask: What does it matter so long as interest is paid on the loan, and the principal is amortized over reasonable space of time?

The answer is: No matter at all. But sometimes the most critical acts of life take place behind the scenes. Even in this present time of opportunity, businesses are failing of success every day. Firms come and go with scarcely a ripple on the pool of national resources.

When a business fails to succeed, the plant may have to stand idle for an indefinite time before reorganization can take place and another owner can be induced to resume operations.

In some instances it proves permanently impossible to revive the business.

Whatever happens, a bank with a loan made against the machinery of the defunct concern, is faced with loss of varying proportions, depending upon whether the machinery must be completely junked or can be placed in operation otherwise or elsewhere.

Yet, today, machinery loans are by no means a rare exception. They may be a little more difficult to arrange than other types of capital loans, but they can, and are, being made in large quantity by banks in the South as well as in the Nation at large.

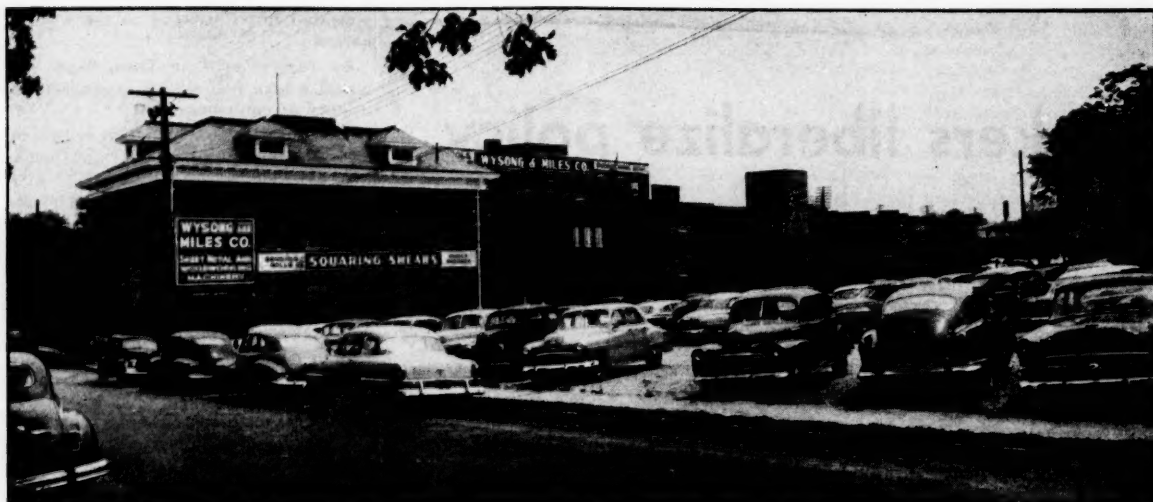
This unquestionably marks a step forward in the liberalization of bank lending policy. Whether for ill or weal, only time can tell.

And in another direction can be seen unmistakable liberality on the part of Regional and National bankers.

This latter is to be seen in the increased number of consumer loans now carried by banks.

In the twenties, and even into the thirties, participation in this type of credit, was meager on the part of banks. Now they serve as a major source of such credit.

All of which leads to the inevitable conclusion that bankers are making haste in the matter of loan liberalization, whether slowly or swiftly, whether wisely or unwisely, is for themselves, or the future to decide.



Factory and office of Wysong & Miles Co. has 70,000 square feet of floor space. Wysong also operates a foundry in another location.

## Toolmaker aids South's industrial growth

**W**YSONG and Miles Company got caught in the machine tool business at a good time but in a bad place. It happened during World War II when demand for tools was at record levels, but with Wysong hundreds of miles from the major tool consumers in the big northern industrial centers, where nearly all tool builders are found.

The company is located in Greensboro, N. C., where it started out 50 years ago making machinery for furniture plants. At the beginning of the war it was turning out dovetailers, mortisers and sanders at a rapid clip. Suddenly woodworking machinery orders took a sharp drop, and a year later Wysong veered off into the sheet metal-working machinery field to become the South's first machine tool builder.

The venture more than accelerated activity at Wysong. Before long, it was demonstrating that toolmakers can thrive far south of Detroit. And sales have kept right on climbing. They are three times greater now than at the beginning of the Korean conflict. This year should be the company's best yet.

It still produces about as much wood-working machinery as it ever did, but for every mortiser, dovetailer or sander it ships to a furniture plant, it ships nine pieces of metal-working machinery. The 37 models of the Wysong squaring shear, the company's best-seller machine tool, account for far more sales than any other type of Wysong machinery. Today the company is ranked one of the nation's principal shear builders, and after ten years, is still the only primary toolmaker

of any consequence in the entire South.

While Wysong products are being used in every section of the United States and in many foreign countries, the firm continues to make the majority of its sales in the northern industrial centers ringed by its competitors. Comparatively greater freight charges it must keep paying constitute a formidable handicap.

Except for its location, Wysong is much like any other tool manufacturer. Roughly, there are 300 in the nation, two-thirds of them primary tool businesses which, like Wysong, belong to the National Machine Tool Builders' Association. All but Wysong, the only member in the South, and six others are situated in or near industrial centers north of the Ohio and Potomac Rivers and east of the Mississippi. Of the approximately 200 builders within these bounds, as many as 22 are grouped in Michigan around a big share of the automotive industry, largest consumer of machine tools by purchasing 40 per cent of the tool industry's total output.

Wysong makes part of its shipments to the automotive industry, but at present its biggest customers are the manufacturers of aircraft and component parts in the North.

In normal times, the tool industry produces \$300 million worth of machines annually. In 1942, however, the year Wysong entered the field, the output hit a record \$1,320,000,000, and in 1952, the industry had its second best year, when shipments soared to \$1,125,000,000.

While the majority of Wysong shipments are now going to northern manufacturers, more and more are headed to metal-working plants which are bobbing up throughout the South. Fact is, the fabulous industrial expansion in the Southern states is gradually surrounding Wysong with a brand new market for its



Assembly floor for squaring shears, which account for a large part of Wysong's business.

wares. There are strong possibilities that in a few years the company will be making more sales in the South than in the North. If that happens, freight rates will be working for rather than against Wysong. The company's location looms as a tremendous asset.

A prime example of a new industry in the South which became a Wysong customer is the manufacture of jalousies in Florida. The basic tool in production of the metal slats is a squaring shear.

Customers, however, were locating much nearer home. In North Carolina in 1931, there were only nine fabricating metal plants. By 1951, the number had jumped to 113. The central or Piedmont section of the state where Greensboro is located, has become one of the nation's principal industrial centers since the war. Six of the 10 counties there produce close to half of the state's total manufactured products. Last year, goods manufactured were valued at \$6,426,000,000. Only Texas ranked higher among southern states in 1952 in value of manufactured goods. So Wysong, after all, is doing business in a big industrial center, although the center is dominated by textile and tobacco plants, rather than by heavy users of machine tools. The Piedmont nevertheless produces Wysong sales. They are even made to the textile and tobacco companies. Some have shears and other Wysong products in their large maintenance shops.

One of the largest independent fabricators of steel in the South is also in the Piedmont—Carolina Iron and Steel Company, a Greensboro concern. Early this year, Wysong shipped Carolina its pilot model of a three-sixteenths-inch by 12-foot capacity squaring shear, billing it "the largest machine tool ever built in the South."

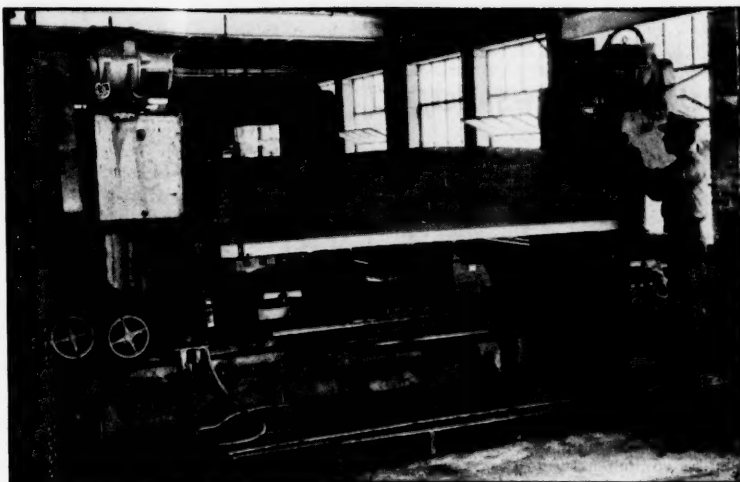
Wysong was founded in 1903 on the site it now occupies by O. C. Wysong and G. H. Miles, both deceased. Russell Hall acquired control of the business in 1937. He is still chairman of the board, but has been replaced as president by his son, Russell, Jr. Vice-president is a veteran company official, W. R. Kime, and E. K. Patterson is secretary and treasurer.

The firm is working a force of around 200 men. While there is no reservoir of skilled labor in the Piedmont, it has never been troubled with labor shortages. The company has met with considerable success in training its own craftsmen, and it must train its own since it is not located so as to be able to draw on the labor force of the tool industry.

The company added its own foundry in 1948. It still buys shear blades and machinery motors. Last summer it increased the size of its plant by another 10,000 square feet to provide more shipping space.

In addition to the 37 models of squaring shears, with capacities up to one-quarter-inch thicknesses and cutting lengths up to 12 feet, Wysong produces roll forming machines, O.B.I. (open back and inclinable) punch presses, and rotary combination machines for light metals.

Recently it shipped \$300,000 worth of



Double end milling machine designed and built in the Wysong plant. Both ends of casting are milled in single operation.

metal-working machines alone. Shipments for 1953 are a sure bet to top last year's high of more than \$3,000,000.

The management isn't a bit apprehensive because of the "economic adjustment" the nation is expecting. It feels that its shears and other machinery are capable of continuing to compete successfully under whatever conditions might develop with any machinery being produced today.

Company officials are giving serious consideration to supplementing the present lines with other types of metal-working machinery. But, since the plant is operating at top capacity, consideration is given with slight expectation of introducing new lines before economic conditions demand them.

Way down South, Wysong is prepared—either to devote its production to maintaining the nation's defense or let it make more of a contribution towards improving the nation's standard of living—already the world's highest.



Salt bath, heat treating room for treating of clutches and other small parts.



A section of milling department at the Wysong factory.



# South makes rapid strides in use, production of air-conditioning

by Sidney Fish

Industrial Analyst

**T**HE growth of the Southern market for air-conditioning appliances, automobiles, building equipment and other consumer goods products is resulting in many new plant construction projects for Southern states.

The most interesting development in this line this year has been the decision of at least three major producers of air-conditioning equipment—Carrier, Westinghouse and Worthington—to build plants in Southern states. These producers have recognized that the growth of the market for air-conditioning equipment of all kinds is likely to be even more rapid in the South than in other parts of this country.

The entrance of those three producers into the industrial South probably is merely the beginning of a general trend. Manufacturers recognize that consumers in this area are ready and able to pay for cooling equipment that contributes to greater comfort, health and safety. Other industries that are planning to establish new plants to take care of the Southern market include metal insulating windows, chemicals, apparel, food products, industrial equipment, packaging and many others.

The air-conditioning industry is an especially important addition to the Southern industrial scene because of its growth potential.

This year, air-conditioning sales at the retail level in the nation will set a new record of \$2 billion, compared with a previous record of about \$1.3 billion. By 1960, this industry is expected to grow to at least \$5 billion a year, of which central home systems should account for about 40 per cent, and room-conditioners and industrial and commercial systems the balance.

Close to seventy companies have entered production in the air-conditioning field during the last few years. In the knock-down and drag-out struggle which is rapidly developing among old and new producers, those which are well located, with efficient, low-cost plants, are likely to be the ones that will survive. The South is fortunate, therefore, that it has already gained three of the established leaders in the field. And those leaders are going to find that they have made a wise choice in selecting Southern sites for their new plants.

Throughout the South, air-conditioning is rapidly developing into a major in-

dustry that in itself may contribute importantly to the stabilizing of employment on any dip in general business. Air-conditioning is being installed in Southern homes by the thousands. It is going into department stores, movies, motels, restaurants, office buildings and other structures.

The air-conditioning producers have been testing the market for central home conditioning units in the South, and they have been pleased with what they have found. In the Atlanta area, for example, Carrier has built three centrally cooled air-conditioned homes, the first to be built in that city.

Chrysler Airtemp has boosted its quota this year for the Southern market. One of its most important products aside from room units, is a 100-ton complete self-contained package unit, for larger installations. Chrysler Airtemp was sold out on such products for a large part of this year. The majority of its air-cooled conditioners have been sold in East Texas, Missouri, Georgia and Southern Ohio.

General Electric has been concentrating on the South in its marketing of its new heat pump, an electrical method for cooling in the Summer and heating in the Winter which seems especially suitable for the mild climate in the South during Winter months.

The rapid growth of air-conditioning will have important effects on the South in several directions. In the first place, it is stimulating even more rapid construction of new electric generating capacity. The increased load resulting from greater use of electricity by Southern industry, and by Southern homes for appliances, is being supplemented greatly by the new Summer air-conditioning use of electricity.

Another important development flowing out of the rise of the air-conditioning industry is the impact which it will have on general industrial growth. Room coolers, for example, are largely assembled products, involving purchases of steel, copper tubing, motors, compressors, etc. The new air-conditioning plants in the South will draw heavily on existing and on new Southern suppliers for these components. Added to the increasing volume of automotive and appliance output, the new air-conditioning industry will mean a greater total volume in the South in steel, brass and motor consumption, thus contributing to the establishment of new

Southern capacity in those fields.

The first producer of air-conditioning equipment to enter the South in a big way was Worthington Corporation. This company announced only a few months ago that it was building a \$3.5 million factory at Decatur, Ala., on a 100-acre site. The plant will be completed by November. It is Worthington's first manufacturing plant in the South, and the largest installation until then in this part of the country devoted exclusively to air-conditioning equipment. The new plant will have over 160,000 square feet of floor space and will employ 400 persons.

Carrier's new Southern plant, which may be built in Atlanta, is part of a \$10 million expansion program by that company. The Southern plant will cost in the neighborhood of \$5 million, and apparently will be even larger than the Worthington plant. It will be devoted exclusively to the manufacture of so-called unitary products, such as room air-conditioners, year-round residential air-conditioning equipment and self-contained units for use mainly in relatively small commercial establishments.

"With a view to maintaining its leadership in the air-conditioning industry," said Claude Wampler, President of Carrier, "our company has spent more than \$18 million during the last six years for new or additional facilities. But even so, still more capacity is needed in view of the tremendous demand for air-conditioning equipment, especially for use in homes. Consequently, almost all of the new capital which will be sought will be used in connection with the development, manufacture and sale of unitary products."

Carrier plans to raise \$8½ million through the sale of 170,000 shares of \$50 par value convertible stock, to help pay for the expansion program. In the twelve months ended July 31, 1953, Carrier booked new orders in excess of \$171 million. This is an all-time record for the corporation, and compared with \$94 million in the previous twelve months. Of course, at the retail level, those new orders would be much larger. The company's backlog of unfilled orders amounts to \$137 million, as compared with \$95 million a year ago.

Westinghouse Electric Corporation, second largest producer of electrical equipment in the country, has just announced that it would build a multi-million-dollar ultra modern packaged air-conditioning plant near Staunton, Va. It will be on a 200-acre site.

The plant will be operated by the Westinghouse Air-Conditioning Division, now headquartered in Hyde Park, Mass. When completed, it will provide employment for more than 500 men and women. Expansion in future years is expected at this plant, the company indicated, because of the rapid growth of the industry.

It is noteworthy that Westinghouse, like Worthington, plans to use its Southern air-conditioning facility for shipments to all parts of the country, not merely for Southern consumers.

The Staunton plant will boost the area's business and industrial payroll by more

than \$2 million annually. Purchases of materials and parts amounting to several millions will be made in this general area.

Packaged air-conditioning units ranging from 2-ton to 15-ton capacity will be made at Staunton. These units will include commercial type units, suitable for stores, etc., as well as residential type cooling units, including the new combination cooling and heating units for residential use.

At Staunton, will be made the new all-electric Westinghouse Heat Pump, which uses only air to provide year-round cooling and heating. The higher capacity air-conditioning units, ranging up to 100 tons, will continue to be made at other locations.

Westinghouse's plans call for the completion of the new plant by next June. The most efficient machine tools available will be installed. The buildings will be served by the Chesapeake & Western Railway.

It is highly significant that national producers of air-conditioners and appliances such as General Electric (at Louisville, Ky.), Carrier, Westinghouse and Worthington are selecting Southern sites for national distribution. This means that they have weighed markets and production costs, freight charges and labor advantages, and have selected Southern sites over all others. This is a feather in the cap of the Southern localities selected, because the choice was made only after the most intensive research by plant site experts.

It means that the South is fully competitive, in many lines such as household equipment with any industrial location in the nation, when it comes to attempting to serve the nation's needs from a single plant.

Other industries are discovering that the South is one of the richest markets for their products. For example, Frank C. Russell, President of the F. C. Russell Company of Cleveland, says that many Southern locations have become important users of combination metal insulating windows. At one time, such windows were sold primarily in cold climates.

But it has been found that the combination insulating window is an important adjunct to Southern comfort, in Winter as well as in Summer. The use of Rusco insulating windows, says Mr. Russell, cuts the cooling load in the Summer by as much as 40%.

This means that the insulating window, by keeping the heat of the sun out of the house, enables the air-conditioning unit to do a better job. Restaurants, stores and factories are other customers for combination insulating windows.

The Southern market has been growing not only for such insulating windows but for combination metal doors, awnings and jalousies. Mr. Russell is so impressed by the big potential demand in Southern cities that he is planning to build a new Southern plant to build insulating windows. The site has not yet been selected.

The growing trend towards air-conditioning in factories and office buildings is

expected to give added impetus to the growth of air-conditioning output in the South. For some time textile plants have had to air-condition a portion of their space, to assure uniformly high quality production. Recently, textile unions in some areas have demanded establishment of air-conditioning throughout the plant, but it remains to be seen what headway such demands will make.

As long as office labor remains tight, employers are finding that air-conditioning is a potent means to cutting down costly job turnover.

Over the long run, it appears that the South will grow steadily as a center for large-scale use and production of air-conditioning equipment. The new industry should contribute much to the prosperity and comfort of the entire area.

## Reynolds Mining Corp. Begins Developing Haiti Ores

Reynolds Mining Corporation, a wholly owned subsidiary of Reynolds Metals Company, has begun the development of its aluminum ore reserves in Haiti, according to an announcement in Richmond, Virginia by Richard S. Reynolds, Jr., President of Reynolds Metals Company. The announcement followed the return from Haiti of Walter L. Rice, President of Reynolds Mining Corporation, after a conference with President Paul Magloire of Haiti.

The principal deposits of the Company, Mr. Rice said, are located about 80 miles from Port-au-Prince near the port of Miragoane. He said a natural protected harbor provides deep water facilities which will accommodate the largest modern self-unloading ore carriers. The de-

posits are 5 miles from deep water and extend over an area along a plateau approximately 2500 to 3000 feet above sea level. The project in Haiti, Mr. Rice said, will cost several million dollars.

Construction equipment has been sent to Haiti to prepare the shore site and to build a 12-mile mountain road descending from an altitude of 3,000 feet. Drying and loading facilities will be installed at the shore, and a pier will be constructed for loading all types of ore carriers.

Mr. Rice said the President of Haiti had assured cooperation in the development by Reynolds of this new industry.

In 1944 the Haitian Government and Reynolds Mining Corporation entered into a 60-year agreement to develop this new industry in Haiti. The large deposits of ore were discovered by Reynolds geologists and are similar in character to the deposits in Jamaica, opened by Reynolds in June, 1952. He stated that a similar grade of ore was also discovered in 1944 in the Dominican Republic. He said that the Haitian project will operate initially at a capacity less than the 750,000 tons in Jamaica, but that the installations are being designed to permit a very rapid increase in operations whenever industry conditions warrant.

Reynolds developed the bauxite deposits in Jamaica after extensive research and pilot plant operations, extending over a period of 7 years. It began using the Jamaica ore in its alumina plant in Arkansas in the summer of 1952. The ore contains about 48% alumina with 57% to 62% in Dutch Guiana. The Company recently completed a new 40-million dollar alumina plant near Corpus Christi, Texas, designed to process this type of ore.

Mr. Rice said that the Company now gets its bauxite from Arkansas, Jamaica, British Guiana and Dutch Guiana, and the addition of Haiti as a source will not curtail the Arkansas operation.



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"Harry, I'd like you to meet  
Junius Murphy, the best darned pneumatic  
hammer operator down at the plant!"



# Southern Bridges Win Top Honors

The American Institute of Steel Construction, late last month, announced the winners of its 25th annual Aesthetic Bridge Competition.

Bridges in Texas, Tennessee and Florida were selected as the most beautiful steel bridges opened to traffic in 1952.

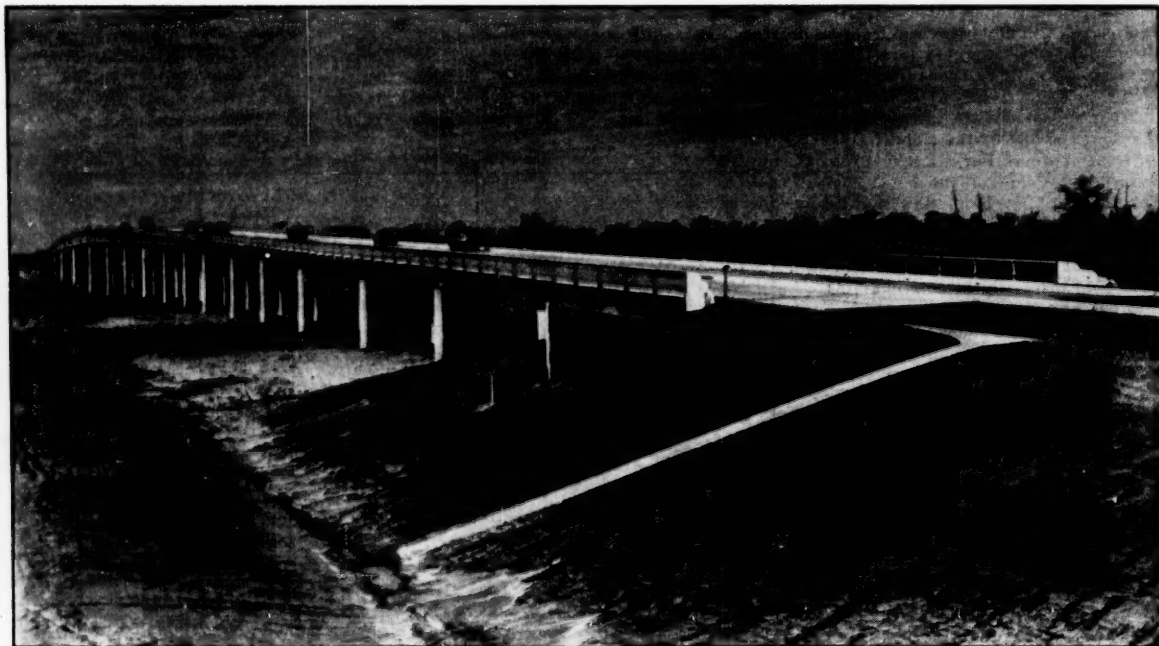
The three winners received stainless steel plaques. The awards were given in three classes: class II, for bridges with spans under 400 feet, costing over \$500,000; class III, for bridges with spans under 400 feet, costing less than \$500,000; and class IV, for movable bridges. The awards jury did not present an award this year for structures in class I, for bridges with spans of 400 feet or more.

The winner in class II was the Neches River Bridge at Beaumont, Texas. It was chosen for its clean design which is devoid of extraneous ornamentation and for its serene and graceful lines. It is owned by the state of Texas, and was fabricated by Bethlehem Steel Company.

The winner in class III was the Morris Ferry Bridge in Franklin County, Tennessee. Its design was considered coherent and restful with the elements well integrated, thereby achieving its design with great simplicity. Nashville Bridge Company was the fabricator.

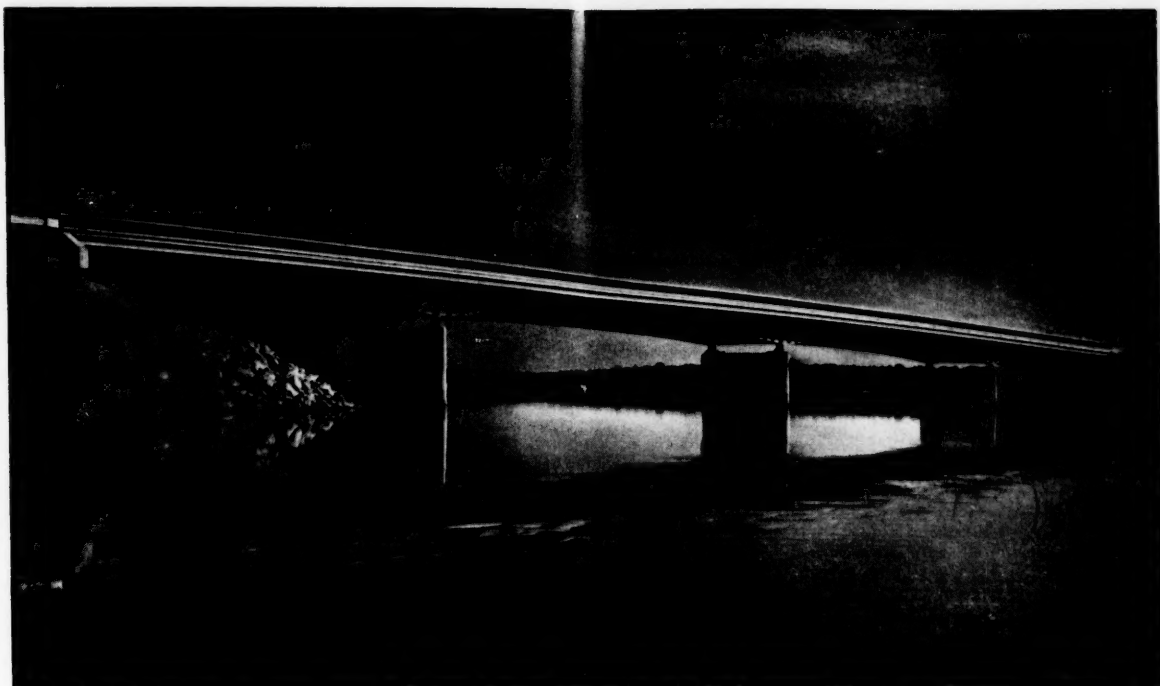
The class IV winner was the S.E. Fourth Avenue Bridge over Miami Canal, in Miami, Florida. The award was made in recognition of the direct and successful approach taken to a difficult problem—crossing a stream at an acute angle with a movable span. Nashville Bridge Company was also the fabricator of this span.

Serving on the jury of awards were three architects, an engineer and a director of an art museum. They were, in that order: Clair W. Ditchy, Harris Armstrong, J. Woolson Brooks, Dr. Daniel V. Terrell and Gordon Washburn.



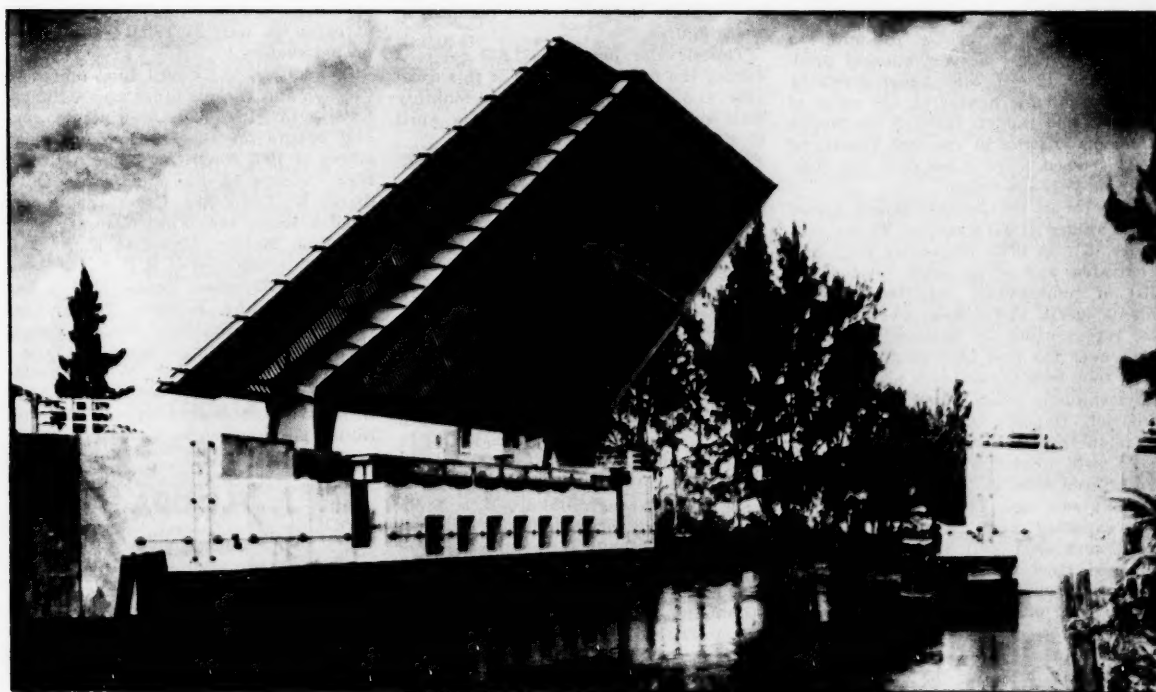
**Neches River Bridge, Beaumont, Texas**

**Class II winner for bridges with spans under 400 feet costing over \$500,000.**



**Morris Ferry Bridge, Franklin County, Tennessee**

Class III winner for bridges with spans under 400 feet,  
costing less than \$500,000.



**S. E. Fourth Avenue Bridge, over Miami Canal,  
Miami, Florida**

Class IV winner for movable bridges.



# PORT ACTIVITY

## ALABAMA

### Mobile

**Another Record Month**—Alabama State Docks and Terminals handled a record amount of traffic for the second straight month. Total tonnage in July was 467,992 tons, 10 per cent more than in June and 63 per cent above a year ago.

Inbound traffic accounted for the increase, rising to a record 403,295 tons. Products of mines made up 87 per cent of the inbound tonnage, with 12 per cent manufactures and miscellaneous, one per cent products of forests, and a fractional percentage products of agriculture.

Outbound traffic fell 13 per cent below the June tonnage but was almost half again as large as in July 1952. Manufactures and miscellaneous products accounted for 51 per cent of the outgoing traffic; 37 per cent was mineral products, and 12 per cent forest products.

Just available figures on the value of imports and exports through the Mobile Customs District in the first quarter of 1953 showed large gains over the comparable year-ago totals.

Imports in the January-March period were valued at \$21.9 million, 87 per cent more than in 1952. Aluminum ores, concentrates, and scrap again headed the list of commodities imported as shipments worth \$3.6 million were brought in, representing an increase of 31 per cent over the first quarter of last year. Asia took over the top spot among countries shipping goods through the Mobile District. Imports valued at \$6.7 million were shipped from Asia.

Exports totaled \$18.8 million in the first three months of 1953, 43 per cent above a year ago. The leading commodities exported were soybeans (\$4.6 million), corn (\$2.1 million), and rolled and finished steel mill products (\$2.0 million). Europe received more of the goods exported than any other continent—\$8.5 million.

**Ten Month Figures**—The \$35,000,000 Alabama State Docks, one of the Southern ports showing an increase in exports during 1953, has during the first ten months of this fiscal year shown a tonnage increase of 839,666 tons over the corresponding period last year.

Docks General Manager Jerry P. Turner said 3,883,562 tons passed through

the docks from October 1, 1952, through July, 1953. He said 3,043,896 tons were handled during the same period of 1951-52.

Turner said the gain was caused by increases in government shipping, bulk cargo of bauxite, manganese and iron ores, and general commercial shipping.

A recent report by the U. S. Department of Commerce in Atlanta has shown exports through the Mobile port increased about 23 per cent for the first five months of 1953.

Turner said the Mobile port was one of the few in the nation in which exports and imports are about the same. He said most ports handled more exports than imports.

Turner said grain and grain products handled by the Alabama Grain Elevator at the State Docks were not included in these figures.

The elevator handled 371,873 net tons during the first ten months of this fiscal year, and in July had its largest monthly total since it began operations in April of 1952, with 74,606 net tons.

**Docks Board Elects Pruett**—James G. Pruett, Jr., of Montgomery, has been elected for a one-year term as chairman of the Alabama State Docks Board to succeed Leslie Dee, Jr., of Tuscaloosa, whose term expired August 1st.

The new vice chairman is Ernest H. Woods, of Birmingham.

Pruett, president of the Capitol Trailways bus line at Montgomery, has served as vice chairman of the board for the past year.

Other members of the board are Alto V. Lee, 3rd, Dothan, and Dr. Philip P. Gilchrist, Mobile.

**U. S. Steel Starts Importing High Grade Ore Through Mobile**—U. S. Steel has started importing high grade iron ore through Mobile from a new source of supply in Peru for its Birmingham steelmaking operations.

Shipping records showed most of the shipments have been handled through the Alabama State Docks.

Starting last June, they have averaged about four cargoes a month, or close to 50,000 tons monthly.

While imports of Peruvian iron ore have been increasing, imports of Brazilian iron ore through the port of Mobile have been declining in recent months. Other imported iron ore moving

through Mobile has been coming from Sweden and Cuba.

Some time before next July 1, U. S. Steel plans to start importing iron ore from its new supplies in Venezuela. This ore will be handled through a new ore handling facility here to be operated by the Tennessee Coal and Iron Division of U. S. Steel.

**New Freight Service**—The Cunard Line will expand its services to American exporters with the inauguration this fall of a new freight service from Mobile to England, it was announced recently by the Company.

Cunard will operate in this new service the "M" ships of its associate company, T & J Brocklebank, Ltd. These cargo liners, with their characteristic Indian names, offer space ventilated by air-drying equipment for a wide variety of cargo as well as refrigerated space for perishables.

In addition to Cunard Line offices in Chicago and various other cities, Funch, Edey & Co., Inc., have been named general agents for the Gulf service, with offices at 1002 American Bank Building, New Orleans 12, La., and at 818 Olive Street, St. Louis, Mo. Other agents are: Page & Jones, Inc., First National Bank Building, Mobile, Alabama; E. S. Binings, with offices at U. S. National Bank Building, Galveston, Texas; Cotton Exchange Building, Houston, Texas; Cotton Exchange Building, Dallas, Texas; 81 Madison Building, Memphis, Tenn.; Boyd-Campbell Co., Inc., Wilson Building, Corpus Christi, Texas; and Port Brownsville Steamship Agency, Majestic Building, Brownsville, Texas.

## FLORIDA

### Jacksonville

**Fifty-Foot Channel Seen**—Ten years from now Jacksonville Harbor will need a 50-foot channel from the sea. This channel need not go all the way into town, but should reach upstream to the vicinity of Dames Point.

The Port is justly proud of its recently completed channel which provides 42 feet into the Mayport carrier basin and 34 feet to the uptown docks. It is deeper, wider and straighter than before. But it will not be adequate very much longer.

Channel limitations have already become the shackle retarding of ship design and construction. It can also become a shackle to the port.

The need for 50-foot channels in the future was noted back in June 1952 by Mr. Walter L. Green, chairman of the board of the American Bureau of Shipping.

The report of the National Committee of the United States to the International Association of Navigation Congresses, published last April, provides supporting data on the growth of tanker and ore carrier ship dimensions. Data also demonstrates that channel conditions restrict design and operation of ships, and the situation is worsening. The most economical solution is to deepen entrance channels and extend the draft of vessels.

Jacksonville is already the greatest tanker port in the Southeastern states. Business leaders envision the day when it will become a center for the importation of ores also. If the port expects to retain the tanker trade—or to receive the modern ore carriers—it must begin now to plan for an improved channel depth.

#### The Seafarer.

**Carloading Service**—Opening of a new station in Jacksonville and inauguration of Florida service is announced by Mr. T. R. Hudd, president of National Carloading Corporation, nation-wide forwarder providing shipping service for 30,000 communities in the United States through a network of more than 150 stations.

Manager of the new Jacksonville station will be Mr. Albert H. Knoll of 4682 Timuquana Road, who has had long experience in Florida transportation with various companies and as Field Representative for the Florida Trucking Association.

The new station will be housed in a terminal nearing completion near the A.C.L.R.R. tracks on the outskirts of the city.

National Carloading Corporation specializes in less-than-carload freight, which it consolidates into full cars. The freight charge to the shipper is no more than he normally pays any carrier, and in many instances it may cost less.

## GEORGIA

### Savannah

**Savannah Docks are Busy**—Georgia grown and manufactured products were a large part of more than 15,000 tons of cargo handled over the new Savannah State docks during July, the first month of full scale operation. Georgia goods shipped include cottonseed meal and lupine seed, tobacco, naval stores, paper, lumber, steel, canned goods and cotton waste. Manufactured goods from the Midwest also were handled by the docks. Thirteen vessels docked during the month. They flew flags of Japan, Greece, the Netherlands and Latin-American nations. More than 2,000 railroad cars and 1,000 trucks brought in their cargo.

**Oil Firm Expands**—The Colonial Oil Industries, Inc., of Savannah, has em-

barked upon an expansion program with the installation of two new storage tanks. One is a 54,000-barrel tank, and the other has a 42,000-barrel capacity.

The principal business of the oil company is the wholesale marketing of petroleum products for shipment throughout Georgia, South Carolina and North Carolina. These products include gasoline, kerosene, tractor fuel, diesel fuel, light heating oils and residual oils.

Although marketing of petroleum products is the concern's primary business, it terminals for other oil companies and handles shipments for their customers.

The ocean terminal is located on the Savannah River and has dock facilities for bunkering ships with light diesel and bunker "C" fuel oils. In addition to dock deliveries, barge service is available for bunkering ships at other berths in the harbor, and also to waterfront industries. The tank farm consists of more than 32,000,000-gallon storage capacity and is equipped with modern loading facilities for expediting the movement of transport trucks and tank cars through the plant.

**Port Officials Greet "Mock-Up"**—Top officials of the Georgia Ports Authority, owner and operator of the new Savannah State Docks, were on hand late at night recently when the spectacular and highly-publicized "mock-up" model of a giant new cargo plane for the U. S. Air Force arrived in Georgia.

The cargo was a plastic and wood model of the fuselage and tail sections of the C-130A, which was being shipped from Burbank, Calif., to the Marietta, Ga., plant of the Lockheed Aircraft Corporation. The plane will be America's first turbo-prop transport and will be pro-



From left, J. H. Gibbs, D. Leon Williams and Gen. H. T. Mayberry inspect C-130A "mock-up."

duced in quantity by Lockheed's Georgia Division.

When the American ship "Seagarden," which carried the "mock-up" on a 4,000 mile trip from Long Beach, Calif., to Savannah, docked alongside Georgia's new State Port facilities at 10 p.m., high Ports Authority officials joined Lockheed

transportation officers in supervising unloading operations.

Present were D. Leon Williams, of Atlanta, director of the Georgia Ports Authority; Brig. Gen. Hugh T. Mayberry (USA Ret.), manager of the Savannah State Docks and Warehouses; Peter Roe Nugent, of Savannah, vice-chairman of the Authority and mayor pro tem of Savannah; M. M. Monroe, of Waycross, Ga., member of the Authority, and James Newsome, transportation chief of the Authority.

Also on the scene were Major Herbert F. Moore, Third Army Transportation Officer in Savannah; J. H. Gibbs, Lockheed traffic and transportation chief; W. F. Kalmbach, transportation department manager for Lockheed; Roy A. Knight, C-130 liaison engineer, and Chess Abernathy of Lockheed's Public Relations Department.

A small model of the C-130A was presented publicly for the first time by Mr. Abernathy to Mr. Nugent, who was representing both the City of Savannah and the Ports Authority.

Unloading operations were safely completed and the cargo placed under guard by 2 a.m. — four hours after the ship docked. The "mock-up" remained at the State Docks until the following weekend when it was placed aboard two elongated tractor-trailer combinations for the trip to Marietta in a special convoy.

### Atlanta

**Chattahoochee Ports Projected**—A recent survey by the Atlanta Freight Bureau has considerably raised the chances of an Atlanta port on the Chattahoochee River. The survey shows that freight suitable for shipment by water has doubled since a similar survey was made in 1945. Freight tonnage between Atlanta and points served by the river is now over 40 million tons each year. Over three million tons of this are suitable for water transportation and if a study now in progress shows that shippers of 60 per cent of that 3,250,000 tons would use water transportation, a nine-foot channel to Atlanta would probably be approved by U. S. Army Engineers. Such a project would use the Buford and Jim Woodruff dams. In addition, four other dams would be necessary. A channel as far as Columbus has already been approved and extension of navigable waters to Atlanta would open ports for Atlanta, Whitesburg, and West Point.

## LOUISIANA

### New Orleans

**Port's Annual Report**—The 57th annual report of the New Orleans Board of Port Commissioners revealed that the port showed an actual gain of \$2,510,038.03 for the fiscal year ended June 30, 1953.

Although this figure represents a decrease of \$325,340.66 as compared to the 1952 gain, all departments of the Board, except the Public Commodity warehouse, showed a profit for the fiscal year, al-

(Continued on page 44)



# PORT ACTIVITY

(Continued from page 43)

though in most instances the profits were less than the year before.

Notable in the report was that Foreign Trade Zone Number 2, which last year made a profit for the first time since its establishment in 1947, again wound up in the black. Its net gain was \$27,076.94 as compared to its initial gain in the 1952 fiscal year of \$42,630.74.

The fact that this Zone has made a profit for two consecutive years is noteworthy in that Foreign Trade Zones are not expected either to make big money for a port directly or to show a profit at all for eight years after their establishment. New Orleans' Zone made the black side of the ledger in both its fifth and sixth years, and indications are that it will continue to operate at a profit.

The Port Board also said in its report that receipts for the year were \$10,392,378.51, which included \$897,401 from the Orleans Levee board; \$2,585,379 from 9-20ths of a cent gasoline tax, and \$48,508.16 from the New Orleans Public Belt Railroad. As contrasted with the previous year, the report showed an increase in total receipts this year of \$160,033.73.

Largest profit recorded during the 1952-53 fiscal year was \$829,218.53 made by the industrial canal. This was \$9,542.66 more than the canal made in the previous fiscal year.

Another large profit was reported for the public grain elevator, which finished the year with a plus figure of \$649,503.69. This figure, however, was a decrease of \$80,018.96 from the year before. By June of 1954, the grain elevator should show a much greater gain, as the new \$7 million Public grain elevator is scheduled to go into operation by November 1, doubling present grain storage capacity.

The Board of Commissioners reported that its total expense, including bond interest and depreciation, was \$4,427,524.52, leaving a difference from its total receipts, including all subsidiaries, of \$5,964,853.99. Of that amount, \$2,634,533.33 was paid out during the year to cover interest and principal on outstanding bonds, leaving a balance of \$3,330,320.66, out of which \$820,282.63 was allowed for depreciation.

## Lake Charles

**Port Maintains Rank** — Lake Charles continues to lead Baton Rouge as Louisiana's second-ranking port for the seventh successive year.

This was shown by figures released today by the U. S. Army corps of engineers for the New Orleans district.

Trailing Baton Rouge by nearly four million short tons in 1943, Lake Charles gained rapidly on the Mississippi river port city during the next two years. Then in the first post-war year of 1946, Lake Charles shot ahead of Baton Rouge by upward of two million tons and has led the capital city port ever since.

Although the state's biggest and oldest port at New Orleans continued far out in total tonnage, Lake Charles outstripped New Orleans in the amount of tonnage gained in 1952 over the previous year.

Lake Charles gained 1,613,940 tons over 1951. The New Orleans gain was 1,380,951 tons, and Baton Rouge's increase 1,314,046.

## MARYLAND

### Baltimore

**The First Four Months of 1953**—Baltimore's export and import commerce during the first four months of 1953 aggregated 6,087,232 long tons, despite a drop of 1,235,159 tons in coal and grain shipments, according to Census Bureau figures released last month.

The six million tons of foreign trade handled at the port compared with 7,194,554 tons for the same period last year, and was more than sufficient to retain Baltimore's ranking as the nation's second port in foreign trade volume. Philadelphia, its closest rival in this respect, had a total of 4,348,661 tons of export and import commerce in the January-April period.

Baltimore also continued as second port in volume of imports handled during this period with 4,776,518 tons.

**Export Grain Shipments Off** — Grain exports in August aggregated 4,673,566 bushels, down more than 2,000,000 bushels when compared with July shipments. The August shipments were, however, 3,602,054 bushels above those of the same month a year ago.

**Vessel Arrivals Continue High**—Vessel arrivals at the Port of Baltimore for the fifth consecutive month exceeded 400, according to data compiled by the local Maritime Exchange. Ships visiting the Port last month, in all categories of waterborne trade, totaled 409 in comparison with 441 the previous month and 369 in August, 1952. Of the August total 171 were flying the American flag and 238 the standards of other nations. Included in the latter were 49 Norwegian, 27 British, 19 Italian, 17 Danish, 17 Panamanian, 14 Dutch, 14 German, 13 Honduran, 10 Japanese, 9 Greek, 9 Swedish, 8 French, 6 Liberian, 4 Cuban, 4 Yugoslavian, 3 Colombian, 3 Israeli, 2 Brazilian, 2 Finnish, 2 Venezuelan, 1 Belgian, 1 Canadian, 1 Chinese, 1 Costa Rican, 1 South African and 1 Spanish.

With shipping activity at Baltimore heading for a new annual high, arrivals of ocean-going vessels thus far in 1953 have totaled 3,272, contrasted with 3,051 in the eight months of last year.

**B & O Sets New Ore-Unloading Record**—A new tidewater record for the fast discharge of foreign iron ore was established at Baltimore last month when a full cargo of 20,560 tons was unloaded

in an elapsed time of 13 hours and 55 minutes from the M. S. "Bomi Hills."

The new record, which is believed to be the fastest unloading time not only for Baltimore, but for any ocean port, was established at the new Curtis Bay Ore Pier of the Baltimore and Ohio Railroad.

The iron ore came from the rich Bomi Hills deposit in Liberia. It moved from Baltimore inland in 329 cars to steel plants of the Republic Steel Corporation in Ohio and Illinois.

Officials of Ramsay, Scarlett and Company, operators of the B & O's ore pier, credited the new record to the speed of the two tower unloading cranes and the conveyor belt system which carries the ore to receiving bins where it is automatically weighed and dumped into railroad cars at the rate of a car every 120 seconds.

**Rock Appointed to Port Post**—Appointment of Charles C. Rock as Port of Baltimore Representative in New York for the Baltimore Association of Commerce, effective October 1, was announced September 30, by G. H. Pouder, Executive Vice President of the Association.

Mr. Rock assumes the post vacated by Stacey Bender, Jr., who recently was appointed Director of the Association's Export and Import Bureau.

## SOUTH CAROLINA

### Charleston

**Far East Sailings** — Charleston stood among the top five ports of the nation in Far East sailings for the period July 13 through August 31, due to an extra heavy movement of cotton waste to Japan. Sailings averaged a ship almost every other day during the 50-day period. This was about twice the normal regular sailings so that Charleston's eminence was temporary but the port still has more scheduled sailings to the Far East than any other South Atlantic port.

**New Collector**—G. F. Doscher, Jr., has been sworn in as the new U. S. Collector of Customs for the South Carolina district under a recess appointment by President Eisenhower, until his nomination for the post receives Senate confirmation at the next session of Congress.

**New Dow Plant** — Construction has started on the new liquid caustic soda storage and handling facilities at the State Ports Authority's North Charleston terminals which will more than double present capacity. Financed by a \$400,000 RFC loan, the expanded plant is expected to be in operation next January. Dow Chemical Co. uses the facilities under lease to the Authority, bringing the industrial chemical in special tankers from Texas.

**State Dock Expansion** — Engineering surveys are now being made and preliminary plans drawn for future expansion.



# PORT ACTIVITY

sion of State Ports Authority shipping terminals at Charleston.

Soundings and test borings to determine sub-surface conditions are being made at many points along the Charleston waterfront by J. E. Sirrine Company, of Greenville, S. C., engineers, who are also drawing up preliminary plans and specifications for new state facilities to serve the growing commerce of the port.

The proposed new construction, which has been estimated to cost between \$8 million and \$10 million dollars, would be partly financed by state appropriations and partly by revenue bonds.

Trade figures show that Charleston has more than doubled its average pre-World War II waterborne tonnage. Dollar value of imports and exports has risen from \$26 million in 1947 to over \$179 million, and custom collections have risen from some \$500,000 to approximately \$3 millions.

This remarkable growth has pointed up the need for new pier and waterfront storage facilities to handle the rapidly expanding port business.

## TEXAS

### Brownsville

**Unloading Facilities Expanded** — The Brownsville Navigation District is acquiring all of the banana unloading equipment at Port Brownsville.

In making this announcement, F. W. Hofmotel, port director, pointed out that this action on the part of the District will give the Port of Brownsville the ownership and control of the most comprehensive mechanical unloading machinery for the handling of bananas and other tropical fruits south of New Orleans.

The purchase consists of twice the amount of equipment presently in use at the port. The complete plant will have four electrically driven gantry cranes, which are mechanical ship unloading units, complete with a number of stationary and belt conveyors for the unloading of vessels and loading of rail cars and trucks.

### Corpus Christi

**Public Grain Elevator Nears Completion** — The Port of Corpus Christi's public grain elevator of 2,008,631-bushel capacity, being built by the Nueces County Navigation District at a cost of \$4,390,000 will be completed in December. The first grain terminal elevator built on the Texas Gulf Coast in over 20 years, will serve an outstanding agricultural district. Within a 75-mile radius, some 15,000,000 bu. of grain are raised, extending within sight of the elevator.

A car dumper, capable of unloading

railroad cars at the rate of six per hour is being built. Other unloading facilities will include two receiving pits, each of which will hold a carload of grain. Truck dumps for the rapid unloading of motor trucks will be included.

The elevator will have its own dock for deep sea vessels and canal barges. The maximum loading rate will be 125,000 bushels of grain for the first hour; 75,000 bushels an hour for the second and third hour; and 50,000 bushels per hour thereafter. Ordinarily a deep sea vessel engaged in the grain trade will hold 350,000 to 365,000 bushels of grain.

### Houston

**H.L.&P. To Build Channel Plant** — The Houston Lighting and Power Company will begin construction early next year on a big new \$20,000,000 power plant on the Ship Channel.

The outdoor steam-electric station will be built on a 700-acre tract directly across from the Baytown Refinery. The acreage was purchased recently for approximately \$625,000.

The new plant, which will be named after the light company's president, Sam Bertron, will be the sixth major facility of the utility firm. It is greatly needed to supply additional power to the fast-growing industries of the channel area.

**Port Tonnage At Record High** — Houston handled an all-time high cargo tonnage during the 1952 calendar year to maintain its position as a top ranking port, tonnage-wise, according to figures released by the U. S. Army Corps of Engineers.

During the year ending Dec. 31, 1952, the Port of Houston handled 46,607,179 short tons of cargo, some three million tons more than the 43,774,781 tons of 1951.

Largest portion of the port's commerce—21,281,190—consisted of coastwise shipments. Foreign trade accounted for 6,038,801 tons of exports and 1,921,210 tons of imports; coastwise receipts amounted to 737,714 tons, and the remainder of the tonnage was made up of internal (from one point on the fifty-mile channel to another) and intraport and local traffic.

Total tonnages for other Texas ports were: Port Arthur, 22,027,427; Beaumont, 21,442,034; Texas City, 16,196,336; Port Aransas, 13,095,582; Corpus Christi, 10,709,131; Galveston, 7,558,014; Freeport, 4,425,449; Sweeny, 2,828,693; Orange, 1,094,876; Brownsville, 934,184; Port Isabel, 853,618; Cedar Bayou, 555,857; Port Lavaca, 307,822; Palacios, 96,383; Aransas Pass, 58,491; Rio Hondo-Harlingen, 37,474; Rockport, 24,152; Double Bayou, 10,639; Port Mansfield, 7,718, and Sabine Pass Harbor, 1,021 (excluding the sea shells dredged from the lower part of Sabine Lake).

## VIRGINIA

### Norfolk

**Export Packing Increases** — Export packaging, a new Norfolk industry, recently has been added to the list of services and facilities provided at the Port of Norfolk on Hampton Roads. Two firms started packaging operations this past summer and already both are reporting progress. Dade Brothers, the experienced operational firm that runs the sprawling Norfolk Terminals and warehouses (locally-known as the Army Base) for the Federal Maritime Administration, got its feet wet in the export packing business some years ago in New York. Their expansion of crating-for-overseas-shipment facilities in Norfolk is a big plus for users of that port.

The other Norfolk packaging operation, the new Norfolk Export Packing Company, reports that the new service has aroused the interest of shippers who formerly had to go to less-convenient ports for packaging or who had to tie up valuable plant space, equipment and manpower for a packaging function that might better be performed at the port of export.

**Danish Consul Named** — T. J. Gills, Vice President of Norton and Ellis, Inc., freight brokers, has assumed his duties as honorary vice consul for Denmark in Norfolk.

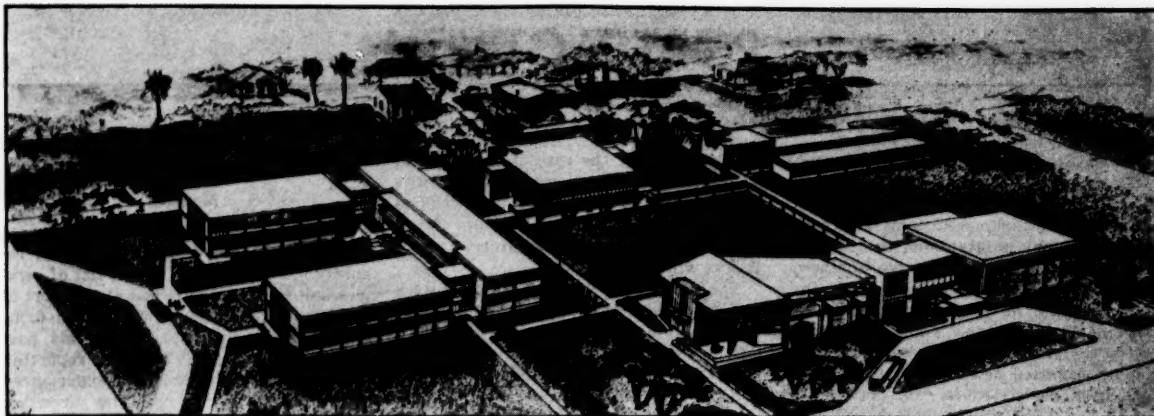
Gills was selected for the office by the Danish Consul General in New York and recently received his appointment on authority from the Danish Embassy in Washington.

**Japan, Italy Coal Shipments Up** — Japan last month led all nations in the import of coal from Hampton Roads ports. Tonnage figures for September are up from August—and the Japanese demand for coal was so great that during the first half of September Nippon imports were nearly as great as all the coal shipped to coastwise ports in America.

Meanwhile, a new and apparently unexpected increase in coal traffic to Italy developed, with four coastwise colliers being diverted to overseas operations and several foreign flag ships being chartered for special runs because of the new demand.

**Coal Rate Cut May Benefit Norfolk** — Port of Norfolk observers are speculating that the September ICC action in reducing freight rates on some coal shipments to Hampton Roads will help the port recapture part of a million-tons-a-year coal shipping business. The heavy tonnage was lost during World War II when it was impossible to obtain vessels and much of the business was lost to mines served by railroads directly connecting with Baltimore.

The ICC took the step to help Virginia, West Virginia and Kentucky mines recover some of their former commerce.



New Jefferson Parish High School in Louisiana. William R. Burke, Associated Architects and Engineers.

## September Awards Total \$288,484,000

By S. A. Lauver

Construction News Editor

**S**OUTHERN construction showed a slight upturn in September.

The \$288,484,000 total of contracts for the ninth month represented a one and one-half per cent gain above the figure for the preceding month.

Southern construction levels have hovered in the two hundred eighty million dollar range since June. In that month was established the peak of the year so far. The total was \$480,263,000.

Construction contract values, as recorded in the MANUFACTURERS RECORD construction bulletin, point to a disappointing total this year. The \$2,910,681,000 for the first nine months is but sixty-two per cent of the figure for the comparable period of last year.

An encouraging factor, lacking during the two preceding months, made itself evident in September. This was in industrial construction. The \$58,499,000 total for such work was a decided increase—in excess of one hundred per cent.

Rises occurred in two other categories. One increase—that in the highway and bridge field—was substantial; the other was in the heavy construction category and was of a minor nature.

The highway and bridge figure of \$63,637,000 in September, in fact, was the largest of the five elements and was more than forty-nine per cent above the total for similar work in the preceding month.

Heavy engineering construction's \$50,

505,000 during September represented a five per cent increase. The fact that the total rose was due to more activity in the dams, drainage, earthwork and airport field, where the total for the month was \$31,526,000 as compared with \$15,885,000 for the previous month. Sewer and water work, and federal electric projects dropped.

Private building in September amounted to \$53,599,000. The decline from the level of the month before was about thirty-three per cent. All types of private building were down. Totals for the various kinds were: Residential, \$30,187,000; office building, \$10,340,000; assembly building, \$9,086,000, and commercial, \$3,986,000.

Public building totaled \$62,244,000 in September, or a twenty-seven per cent drop from the August figure for public building. Most of the decline was in public building other than schools. In the latter, the decline was slightly over eight per cent.

Southern construction so far this year, with its total of \$2,910,681,000 represents a drop of thirty-seven per cent. The current nine-month figure is at about the level registered for the entire year of 1948.

The current figure is made up of \$722,863,000 for public building; \$592,307,000 for private building; \$609,505,000 for industrial construction; \$506,641,000 for highways and bridges, and \$479,365,000 for heavy engineering construction.

Private building, in the elapsed months of this year, practically equals the \$592,324,000 total for last year. All the others are down, with the most precipitous decrease in industrial construction which this year is less than one third of its total for the first nine months of 1952.

Residential building totals \$333,479,000 and dropped twenty-five per cent. The other three subdivisions of private building were up and almost brought the private building total above its 1952 counterpart. Office building's \$106,334,000 is up one hundred ninety-two per cent;

### SOUTH'S CONSTRUCTION BY TYPES

	September, 1953		Contracts Awarded First Nine Months 1953	Contracts Awarded First Nine Months 1952
	Contracts Awarded	Contracts to Be Awarded		
<b>PRIVATE BUILDING</b>				
Assembly (Churches, Theatres, Auditoriums, Fraternal) .....	\$9,086,000	\$15,055,000	\$79,088,000	\$71,044,000
Commercial Stores, Restaurants, Filling Stations, Garages) .....	3,986,000	12,329,000	73,406,000	39,997,000
Residential (Apartments, Hotels, Dwellings) .....	30,187,000	120,363,000	333,479,000	444,964,000
Office .....	10,340,000	11,815,000	106,334,000	36,319,000
	\$53,599,000	\$159,562,000	\$592,307,000	\$592,324,000
<b>INDUSTRIAL</b>	\$58,499,000	\$174,229,000	\$609,505,000	\$2,190,046,000
<b>PUBLIC BUILDING</b>				
City, County, State, Federal and Hospitals .....	\$25,603,000	\$37,114,000	\$346,631,000	\$532,274,000
Schools .....	36,641,000	57,173,000	376,232,000	233,643,000
	\$62,244,000	\$94,287,000	\$722,863,000	\$765,917,000
<b>ENGINEERING</b>				
Dams, Drainage, Earthwork and Airports .....	\$31,526,000	\$9,210,000	\$271,386,000	\$369,087,000
Federal, County, Municipal Elec- tric .....	2,422,000	19,696,000	73,858,000	97,577,600
Sewers and Waterworks .....	16,557,000	10,451,000	134,121,000	111,471,000
	\$50,505,000	\$39,357,000	\$479,365,000	\$578,135,000
<b>ROADS, STREETS, BRIDGES</b> .....	\$63,637,000	\$26,650,000	\$506,641,000	\$519,873,000
<b>TOTAL</b> .....	\$288,484,000	\$494,085,000	\$2,910,681,000	\$4,646,295,000

commercial building, total \$73,406,000, eighty-three per cent; assembly building total \$79,088,000, up eleven per cent.

Public building's \$722,863,000 was the largest among the five categories of construction, although it was down about five per cent. The drop was in buildings other than schools, which with their \$376,232,000 total were up sixty-one per cent.

The \$506,641,000 for nine months of southern highway construction, mostly tabulated from state activity, is almost the equal of the total for such work in the comparable period of last year. The negative difference is about two per cent.

Heavy engineering construction in the nine months totals \$479,365,000. A seventeen per cent decrease, the current heavy building total includes \$271,386,000 for dams, drainage, earthwork and airports; \$134,121,000 for sewers and water work and \$73,858,000 for federal electric work. Only one of the three—sewer and water work, showed an increase. This was twenty-three per cent.

From a national viewpoint, construction expenditures—put in place—are up seven per cent this year above the 1952 total, according to the joint announcement of the federal departments of labor and commerce. The 1953 figure is set at \$25,900,000,000.

Private outlays in 1953 have maintained about a nine per cent lead over 1952 and by the end of September were placed at \$17,500,000,000. Reason given for the increase is a substantial gain in commercial building and increased private spending for public utility and residential construction.

Private educational and religious building were described as being up about a fifth higher than in 1952 and private outlays for new industrial plant were declared to be practically unchanged.

Total public expenditures for new construction for the nine months were placed at \$8,400,000, this about five per cent above the January-September total in 1952. The margin of gain is reported narrowing by the two government agencies, from ten per cent in the first quarter to three and two per cent in the second and third quarters.

Gains this year, in Labor-Commerce opinion, reflect more spending for highways and public industrial plant. Increased outlays for schools and for sewer and water facilities contributed to the overall rise this year in public activity. Expenditures for military and naval facilities were about the same in both years for the nine-month period.

Expenditures tabulated statistically by



New plant for Krispy Kreme in Winston-Salem, N. C. Lashmit James, Brown & Pollack, Architects & Engineers.

the two departments for September totaled \$3,300,000,000, or virtually the same as the August figure and about five per cent above September of 1952. Private construction was said to account for all of the increase over the 1952 level.

Private expenditures for new construction in the ninth month of this year are set at \$2,200,000,000, or eight per cent above the September, 1952, total. Public outlays were said to be about the same as a year ago.

Commercial building rose contraseasonably to a new peak, the federal departments said, while private outlays for public utility construction held at the August level. Residential building declined seasonally.

Private industrial building, normally on the rise about this time of the year, remained steady for the second successive month "after a gradual decline earlier in the year."

Highway construction dropped slightly less than seasonally expected from the

August figure. Military and naval construction has remained at the same dollar level for the past four months, the federal appraisal stated.

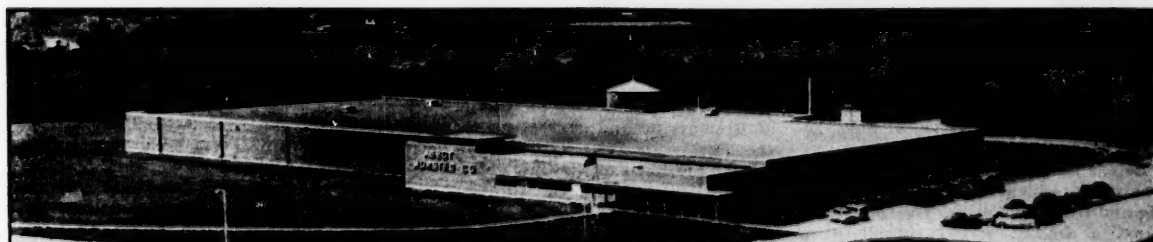
Construction's national association sees a new record set this year. According to forecasts of the Associated General Contractors of America, the volume of new construction put in place this year will approach \$35,000,000,000, with maintenance and repair expenditures increasing that figure to about \$45,000,000,000.

"Foreseeable demands for new construction and economic indicators point to a continued high level of construction activity in the future," says H. E. Foreman, managing director of that contractors organization.

His view is that the construction industry is undergoing a period of readjustment in which efficient contractors who can adapt themselves to the new conditions can survive the intense competition that characterizes the present market.

## SOUTH'S CONSTRUCTION BY STATES

	September, 1953	Contracts to be Awarded	Contracts Awarded First Nine Months 1953	Contracts Awarded First Nine Months 1952
Alabama	\$16,277,000	\$59,581,000	\$130,261,000	\$231,168,000
Arkansas	2,227,000	1,855,000	35,178,000	63,787,000
District of Columbia	2,151,000	83,586,000	35,311,000	39,348,000
Florida	28,569,000	24,285,000	287,404,000	375,288,000
Georgia	8,586,000	13,430,000	169,028,000	253,037,000
Kentucky	5,817,000	3,727,000	196,901,000	559,119,000
Louisiana	15,294,000	17,959,000	235,328,000	352,533,000
Maryland	16,782,000	15,661,000	215,898,000	276,608,000
Mississippi	2,319,000	5,900,000	60,736,000	95,518,000
Missouri	4,284,000	5,469,000	94,433,000	71,650,000
North Carolina	13,632,000	51,175,000	149,987,000	198,360,000
Oklahoma	6,544,000	18,565,000	62,839,000	121,947,000
South Carolina	10,181,000	14,400,000	109,585,000	147,176,000
Tennessee	31,684,000	13,150,000	158,173,000	734,651,000
Texas	84,603,000	105,590,000	639,953,000	838,333,000
Virginia	16,675,000	50,845,000	176,826,000	220,961,000
West Virginia	22,459,000	8,916,000	152,840,000	66,751,000
<b>TOTAL</b>	<b>\$288,484,000</b>	<b>\$494,085,000</b>	<b>\$2,910,681,000</b>	<b>\$4,646,295,000</b>



New \$2,000,000 worsted yarn mill for Abbot Worsted Co. at Seneca, S. C. Daniel Construction Co., general contractor.



# SOUTHERNERS AT WORK

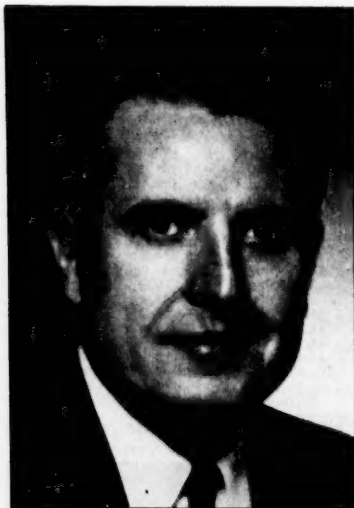
## Wells Named Reynolds Assistant Vice President

W. Monroe Wells, a veteran of 35 years in the aluminum industry, has been named assistant vice-president in charge of operations, Reynolds Metals Company, according to an announcement by J. Louis Reynolds, the company vice-president who heads up the operations division. For the past three years, Mr. Wells has served as general production control manager for the company, with headquarters at its executive offices in Richmond, Va.

Born in Maryville, Tennessee, Mr. Wells joined Reynolds in 1946 as production control manager of the company's McCook, Illinois, sheet mill. Transferred to Louisville, Kentucky, in 1946 as central production control manager of the firm's sheet division, he went to Richmond in 1950 for the position which preceded his new appointment.

## Mathieson Appoints Heckman Director of Purchases

William J. Heckman has been appointed director of purchases of Mathieson Chemical Corporation, according to an announcement by Thomas S. Nichols, president. He will be located at the Mathieson executive offices in Baltimore, and will be in charge of all of the Corporation's purchasing activities, including



W. J. Heckman

those of the E. R. Squibb & Sons Division.

Before his appointment, Mr. Heckman was vice president in charge of purchasing and traffic of Aramco Overseas Company, a wholly owned subsidiary of Arabian American Oil Company, with headquarters at The Hague.

Prior to this he was production manager and director of purchases of William R. Warner & Company, Inc., and Richard Hudnut, now Warner-Hudnut, Inc.

Mr. Heckman is a member of the New York Athletic Club and the Huntington (N. Y.) Crescent Club.

## American Wheelabrator Names Birmingham District Manager

American Wheelabrator & Equipment Corp., Mishawaka, Indiana, has appointed Leroy J. Wieschaus to the post of District Manager of the company's Birmingham sales office, according to E. A. Rich, General Sales Manager of the organization. He opened new offices September 1, at 805-6 Farley Building, Birmingham, Alabama, and will handle the company's complete line of products.

The firm manufactures dust and fume collectors for chemical and metal-working industry. It also makes abrasive blasting equipment for cleaning and surfacing metals, deflashing molded plastics, descaling steel sheet and strip, and redressing steel mill rolls. Blast cleaning abrasives for these applications and sand conditioning equipment for foundries complete the company's line.

Mr. Wieschaus, a registered professional engineer, has been in the home office of the company for more than seven years, holding the position of Market Research Engineer, Assistant Sales Promotion Manager, and most recently, Abrasives Engineer.

## Container Advances Shelton At Fort Worth Plant

John V. Spachner, Executive Vice President, Container Corporation of America, has announced the appointment of Neven R. Rauch, William B. Groff, and Marvin L. Shelton to the position of General Manager of the company's corrugated shipping container plants at Boston, Cleveland, and Fort Worth respectively.

Simultaneously, Everett G. Temple, Marshall P. Fox, and Jean R. Neil were named General Managers of the folding carton plants in these locations.

## Gulf Ports Group Names Hofmokel

F. W. Hofmokel, director of the Port of Brownsville and general manager of the Navigation District there, has been elected president of the Gulf Ports Association.

Mr. Hofmokel was chosen at the closing session of the Association's annual convention held in Texas City and Galveston.

The Gulf Ports Association is made up of the ports of Tampa, Fla., Mobile, Ala., Gulfport, Miss., New Orleans, Baton Rouge and Lake Charles, La., Beaumont, Orange, Texas City, Houston, Galveston, Corpus Christi and Brownsville.

Mr. J. P. Turner, general manager of the Port of Mobile, was elected first vice president, and Vernor Bailey, port director at Houston, second vice president.

The Gulf Ports Association had been in joint meeting with the Texas Ports Association. Mr. Hofmokel is a past president of the Texas Ports Association.

## N&W Names Sawyer Manager Foreign Freight Traffic

Appointment of W. C. Sawyer, a veteran of 38 years with the Norfolk and Western, as foreign freight traffic manager of the railway was announced September 30.

Mr. Sawyer was formerly the N. & W.'s general foreign freight agent. He will continue in the new position with offices in New York and Norfolk.

A native of Shiloh, N. C., Mr. Sawyer joined the N. & W. as a clerk in Norfolk Terminal in September, 1915. In July, 1924 he moved to the freight traffic department as foreign freight solicitor in Chicago, becoming assistant foreign freight agent there two years later. He transferred to New York in November, 1926 in the same capacity and was promoted to foreign freight agent in February, 1936. He was named general foreign freight agent in July, 1940.

Mr. Sawyer is a member of the Traffic Club of New York, the New York Produce Exchange, the Foreign Traffic Club and the Whitehall Club (New York).

## Koppers Metal Products Names J. W. Pennington

John W. Pennington has been named Manager of the new Technical Department of the Metal Products Division of Koppers Company, Inc., by Walter F. Perkins, Vice President and General Manager of the Division.

Mr. Pennington joined Koppers in 1950 as Chief Engineer of the Division's Piston Ring Department and since 1952 has held the post of Executive Engineer for the entire Metal Products Division.

His new responsibilities will include the supervision of all research and development activities for all product departments of the Division and liaison with Koppers central research organization. He also will supervise the Division's physical, chemical and mechanical laboratories and provide production units of the Division with technical service in the control of melting, heat treating, plating and chemical processes.



## Industrial Flooring

**Flash-Stone Co., Inc., Philadelphia 40, Pa.**—A new floor, named Metile, provides a wear-resistant surface suitable for use in areas subjected to the severest type of hard industrial usage. The floor consists of steel plates of approximately one square foot embedded in especially installed concrete. The steel plate is so



"Metile" Flooring

constructed that numerous anchorage points secure the plate to the concrete and prevent buckling or movement in either vertical or horizontal directions.

Metile floors are equally suitable for surfacing over new or old concrete, sound wood bases, wood block or brick, with some variation in the material selection in the basic bedment grouting course in which the plates find permanent anchorage. It has been found by repeated test that Metile steel plates, so installed, will out-perform steel sheetings of thicknesses as great as  $\frac{3}{4}$  of an inch. This is the result of sound anchoring principles provided by the unique die stamping employed. The design also permits small protected islands of the grouting concrete bedment to surface and form a very effective non-skid pattern.

Metile floors are particularly adapted to areas where heavy truck casters are forced to follow the same path time after time, where handling heavy castings, steel drums or other hard, heavy objects have a tendency to chew up floor surfaces. In addition, the Metile surface provides a smooth surface for easy rolling and is easy to clean.

## Metal-Cutting Fluid

**The Metalloid Corp., Huntington, Ind.**—A dynatomic metal-cutting fluid for difficult tapping and threading operations called Tapeze. Tapeze is said to give the same low rupture energy advantages to tapping and threading provided by the Metalloid X-60 series cutting fluids used for production machining.

This means that on hand tapping or threading operations less force is required to produce threads, making it easier while reducing tap breakage. Tapeze will satisfactorily tap stainless steel, titanium, and other types of steel generally considered to be non-machinable.

Tapeze is an organic condensate con-

taining chlorine, oxygen, nitrogen, and a trace of sulphur, held in a complex molecular structure, and capable of releasing nascent atoms at low temperatures. These unite with the active metal surface at the point of cut, brittling a microscopic layer of the metal, thus reducing amount of cutting (rupture) energy necessary.

Tapeze may be applied straight, by hand, using a pressure-type oil can or paint brush. The material has been used with outstanding success on shaper operations for hogging die steel #1045 with  $\frac{5}{16}$ " cuts. The fluid was brush applied ahead of the cut.

## Portable Space Heater

**Rue R. Elston Co., St. Paul, Minn.**—Compactness and mobility are the features of the new portable cargo space heater designed by Rue R. Elston Co.

Trade-named Elston Roll-A-Way, Model X-700, by the manufacturer, the cargo space heater incorporates all basic heating equipment in one compact, all-steel unit — burner assembly, bottle carrier, regulator and thermostatic controls.

The Elston heater is mounted entirely inside the truck body. When heater is in use, gas chamber is completely sealed from the cargo area. Propane bottles may be removed and inserted from the interior of the truck through an access filler door. One 20-pound propane bottle, contains sufficient fuel for 31 hours of continuous operation and with thermostatic controls, one bottle will heat an



Elston Roll-A-Way

average van 58 hours. The unit has an output of 16,000 B.T.U.'s.

Mounted on a bar roller for ease of handling and mobility, the manufacturer reports that the Roll-A-Way requires only one man to mount, demount or replace propane cylinders and that all parts are easily accessible for servicing.

# NEW PRODUCTS

## Industrial Wiper

**Scott Paper Co., Chester, Pa.**—Specially designed to meet the general wiping needs of industry, a brand-new industrial wiper has just been developed and placed on the market by Scott Paper Company.

The new product is the result of extensive testing and research by Scott engineers. In response to requests from industry, they have now created an industrial wiper which is clean, strong, safe, and uniform. It also has the advantages of being highly absorbent, versatile, always handy, and easily disposable.

It is announced by G. Willing Pepper, Scott Vice-President and Director, that



Scott Wipers

the new paper wiper is now available to industrial firms through their regular paper jobber. The product is packaged in a compact size box containing 125 wipers, with 18 boxes to a case. Distribution on a national basis is now in operation.

Secret of the new Scott industrial wiper lies in its revolutionary surface. Each wiper consists of two "Perf-Embossed" sheets which, through a special process, are welded together for extra durability, giving thorough cleaning action and maximum dirt retention. Chemical treatment also creates all important wet strength.

## Spring Winder

**O'Neil-Irwin Manufacturing Co., 566 Eighth Avenue, Lake City, Minn.**—A new spring winding machine that can be operated without any experience or special skill.

The Di-Acro Spring Winder, according to the company, is a complete self-contained unit with a special cut-off lever incorporated right into the machine.

Designed to eliminate special orders or costly delays, it can be used to form individual springs, or to replace automatic machines on expensive short run production.

(Continued on page 50)

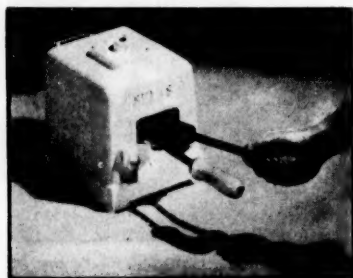
# NEW PRODUCTS

(Continued from page 49)

The company says the Di-Acro Spring Winder is ready for operation as soon as it's mounted on a bench or in a vise. Any gauge wire, to 3/4-inch diameter, can be wound into extension, compression, torsion and flat springs. Round, flat, square or rectangular shaped stock can be formed into springs of any length.

## Soldering Furnace

Selas Corporation of America, Philadelphia 34, Pa.—A new gas-fired soldering furnace, using a radiant burner as a heat source, is capable of heating, in less than eight minutes, two 4-lb. irons from room temperature to 900°F., or one 4-lb. iron to 1,200°F., with a heat input of only 9,100 Btu per hour.



Selas Furnace

Other features of the furnaces, designed and built by Selas Corporation of America, are simplified maintenance, longer life of soldering coppers, and provisions made for operators' comfort.

Burner is located so that mechanical shock and flux corrosion damages are held to a minimum. Refractory hearth is easily removed and cleaned. The depressed furnace lining is quickly installed should replacement ever be needed.

Heating is accomplished without flame impingement, yet the soldering copper is surrounded by fully-burned gases which virtually eliminate oxidation and burning of the copper, enabling it to retain a bright, tinned working surface over a greatly lengthened effective life.

## Air Cylinders

Carter Controls, 2864 Bernice Road, Lansing, Ill.—A new line of air cylinders featuring a built-in operating valve. This type of cylinder eliminates one pipe connection usually required for a double-acting cylinder and greatly increases efficiency of cylinder by reducing line friction.

The integral valve is of universal type furnished so that it can be operated by miniature poppets, direct or remote, or converted to single or double solenoid

operation. Valve can be furnished with dual speed controls.

The cost of these power packages, furnished in cylinder diameters of 1 1/2" through 6" is less than a cylinder and remotely located valves.

A full line of two-way poppet valves for air-limit, hand or foot operation will be offered in addition to standard electrical conversion units.

## Interval Timer

Walser Automatic Timer Corp., 420 Lexington Ave., New York 17, N. Y.—A new timer for automatic time control of operating loads up to 12 amp., 110 v., AC-DC, which is equipped with built-in miniature pilot light and plug-in receptacle for additional signalling circuits.

Designed to be fully adaptable to every signalling requirement, the new model will provide on-the-spot and, when necessary, remote, audible and visual signals indicating expiration of timing interval or completion of the operating period for which the timer has been pre-set. The self-winding, spring-powered timing unit, pilot light and signalling assembly, is installed in a grey wrinkle finished cast housing (7 1/4 x 5 1/4 x 3 1/4 inches), with lugs for surface mounting.

## Fastener Units

Flexible Steel Lacing Co., 4607 Lexington St., Chicago 44, Ill.—Everything needed to make up V-belts of any length is included in the new Alligator V-Belt Drive Units.

Introductory units contain Alligator open-end V-belt, fasteners and tools. Replacement units contain belting and fasteners. Units furnished for A, B, C and D drives.

The "B" introductory unit is a 4-color counter display. The manufacturer says the new units will assist distributors in supplying complete and proper material to users. Also, that dealers will find the Units an economical method of filling in their V-belt stocks—no need to disappoint customers and lose sales in the future.

For the users—excellent for emergencies and when correct endless belt is not available. The manufacturer further explains that there has been a steady increase in the use of open-end V-belt and fasteners and that this new packaging program will extend their availability.

## Tissue Holder

Hackney Holder Co., Post Office Box 1581, Durham, North Carolina—A permanent toilet tissue holder that is said to pay for itself in a short period of time. Tests made by the manufacturer show

savings up to 50 per cent on toilet tissue expenditures.

The holder is designed especially for schools, public buildings, commercial buildings, hospitals and industrial plants.

The initial cost is low and there is no upkeep involved. The roll locks on and cannot be removed until it is all used. Uses any ordinary type of roll tissue up to 2,000 sheets.

## Power Sweeper

The Eshelman Co., 119 Light St., Baltimore 2, Md.—A completely motorized power sweeper. Specifically designed to do an effective sweeping job on large pavement and floor areas; such as may be found in parking lots, factories, parks, super markets, industrial plants and the like; this sweeper has proven effective, safe and economical. It's ideal for all types of sweeping jobs and will even pick up metal shavings. It is fast and thorough, perfect in areas where strict sanitary cleanliness is desired.

Eshelman's Power Sweeper comes complete with an all metal hopper that snaps on the front of the brush and has a 100 lb. capacity. The hopper is easily un-snapped for emptying by one person and has a handle on each side for carrying. The special brush used is 10 inches in diameter, 36 inches long and is chain driven.

## Chip Retriever

General Scientific Equipment Co., Philadelphia 32, Pa.—The new GS magnet, made of super-magnetic alloy offers lifetime permanence through a single pole magnetic process. Removes chips from



GS Magnet

blind drill and top holes on production lines, and in assembly work, both electrical and mechanical. Tool and die makers will find the unit indispensable in normal shop work. Assemblers and inspectors find the unit useful to test coat of surfaces for magnetic properties of the under material.

The unit can be carried in the pocket, is no larger than a fountain pen, is mounted in a fibre nonconductive case with a pocket clip, length 6 1/4".

# LINES TO A LINEMAN

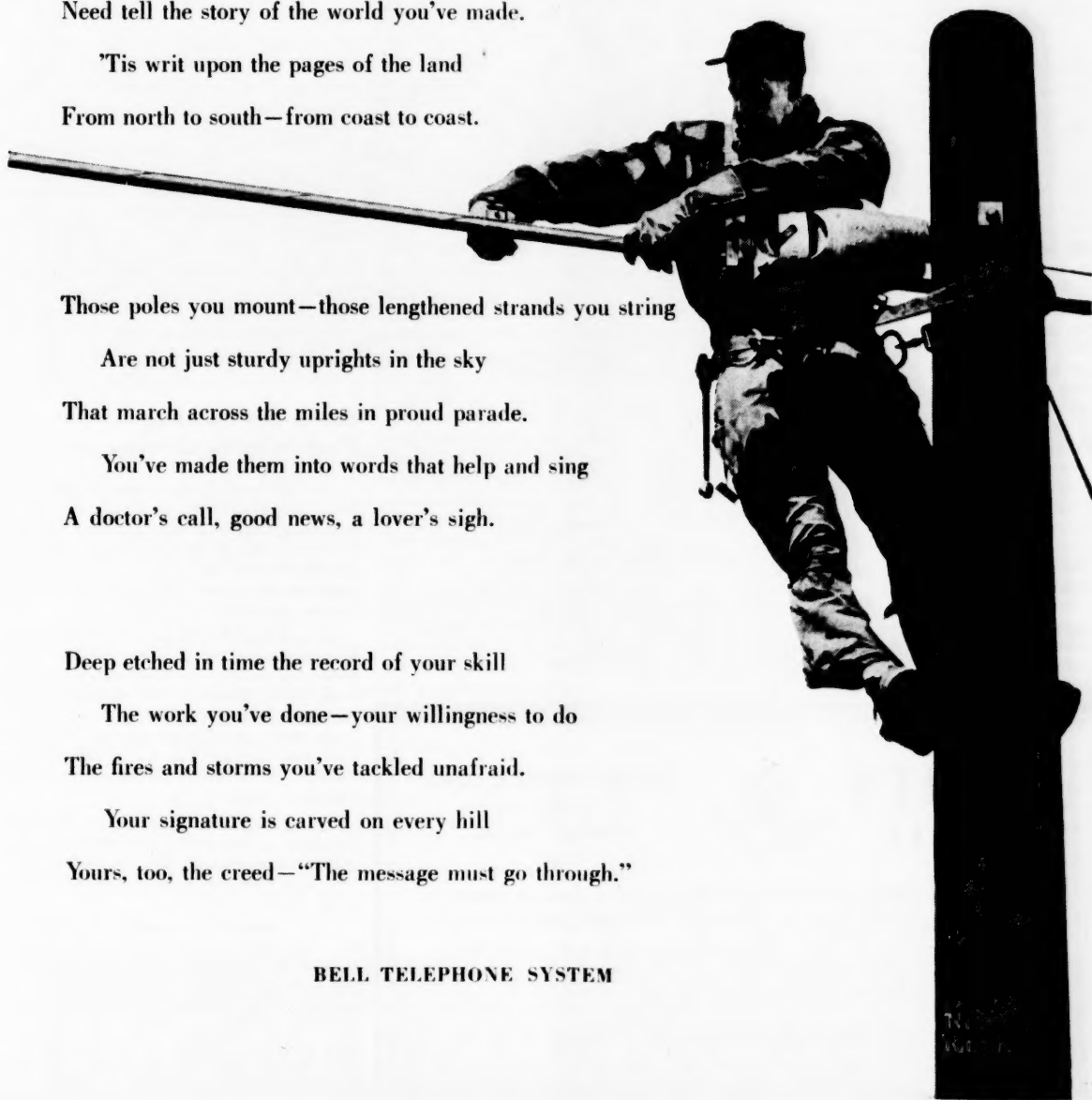
ILLUSTRATED BY NORMAN ROCKWELL

No word of pen or stroke of artist's hand  
No flowered phrase or oratory's boast  
Need tell the story of the world you've made.  
'Tis writ upon the pages of the land  
From north to south—from coast to coast.

Those poles you mount—those lengthened strands you string  
Are not just sturdy uprights in the sky  
That march across the miles in proud parade.  
You've made them into words that help and sing  
A doctor's call, good news, a lover's sigh.

Deep etched in time the record of your skill  
The work you've done—your willingness to do  
The fires and storms you've tackled unafraid.  
Your signature is carved on every hill  
Yours, too, the creed—"The message must go through."

BELL TELEPHONE SYSTEM



## Du Pont Building Ilmenite Facility in Florida

A new \$3,000,000 mine and plant to produce ilmenite, the raw material for titanium metal and pigments, will be constructed for the Du Pont Company near Lawtey, in north central Florida, the company announced last month.

This will be somewhat similar to Du Pont's Trail Bridge ilmenite plant near Starke, Fla., and the output will help the company meet the increasing demand for titanium metal and titanium pigments.

Construction will start within the next three weeks, and the schedule calls for completing the installation and getting it into operation early in 1955. It will be built and operated for Du Pont by the Humphreys Gold Corporation of Denver, Colo., as in the case of the Trail Ridge plant. Humphreys will also provide some of the major equipment.

It will be known as the Highland plant and will be located on about five and one-half sections of land about 17 miles north of the present plant.

This is a rather unusual operation, because it is done by a dredge floating on a "traveling lake" which mines Florida's white sands to get out coal-black ilmenite. At the Trail Ridge plant, and as it will be at the Highland plant, the "traveling lake" is about half a mile long and 500 feet wide, dug out of the sandy soil. A dredge and separators, floating on the lake, pick up the sand in front, take out the black ore, and pour the sand back in again behind them. Thus, the lake travels forward in the direction of the work—moving in where sand is removed and being pushed forward by the sand returned in back.

The sand is pulled up by a suction dredge and piped directly to a floating "scrubber" barge. There, the organic coating is removed, and the heavy black mineral is separated from the white sand by a system of spirals in a "wet mill." This system was originally devised by Humphreys as an improved method of concentrating gold sands.

The "wet mill" pours the white sand back into the lake as back fill. The concentrated ore is piped to a "dry mill" on land. In this mill, the ilmenite is further

concentrated by electromagnetic and electrostatic separators. From there, it is loaded into freight cars and shipped to Du Pont plants at Baltimore, Md., and Edge Moor, Del. Output is about 100,000 tons a year, and capacity of the new plant will be the same.

## Baltimore Banks Plan Merger

Directors of Mercantile Trust Co. and Safe Deposit & Trust Co., both of Baltimore, have approved a proposal to merge the two institutions. The new trust company will be known as Mercantile-Safe Deposit & Trust Co. and will have 250,000 shares of capital stock, \$20 par value. Of these shares, 150,000 will be issued in exchange for the 30,000 outstanding shares of Mercantile Trust, \$50 par, and the remaining 100,000 shares will be exchanged for Safe Deposit's presently outstanding 100,000 shares, \$20 par. The resultant institution will have a capital and surplus of \$15 million, with undivided profits of over \$2 million and total resources of about \$100 million. Stockholders of both banks will vote on the proposal October 19.

## New Industrial District Opens at Dallas

Largest and most modern development of its kind in the nation, the Brook Hollow Industrial District was formally opened Wednesday, October 7, five miles northwest of downtown Dallas and just outside of the city limits.

The 1,200-acre project represents a sponsors' investment of \$6,000,000, exclusive of land costs, when fully developed.

Announcement of the new industrial district was made September 19 by Windsor Properties, Inc., owners and developers, and the Missouri-Kansas-Texas Lines, which has been chosen to provide railroad service to the project.

The huge tract is southwest of the Brook Hollow Country Club, three miles from Love Field, the Dallas municipal airport, and ten miles from the new Amon Carter Airport. It is located in one

of the fastest growing areas within Metropolitan Dallas and is adjacent to such important traffic arteries as Harry Hines Boulevard, the new Inwood-Hampton cutoff and Irving Boulevard.

Brook Hollow Industrial District is under one ownership and management has been planned and will be developed for the definite purpose of creating an ideal factory and warehouse center to meet the needs of the rapidly-expanding economy of this area, according to W. C. Windsor, board chairman.

It is planned to make the new industrial district the most beautiful and modern in the nation, its sponsors said. Highest standards have been set and restrictions adopted to enhance property values and to eliminate unsightly encroachments. Utilities and streets have been planned with full cooperation of city and county officials, with standards equal to or greater than the minimum requirements of these governmental units, he added.

"The Katy Railroad is proud to be associated with the Windsor interests in developing this great industrial district right in the geographic heart of Greater Dallas," Donald V. Fraser, president of the Missouri-Kansas-Texas Lines, declared.

"All of the knowledge and experience gained from sponsoring such outstanding model industrial districts as nearby Airlawn and many others will be directed toward the successful development of the Brook Hollow Industrial District. This project has now, and will continue to have, the fullest cooperation of the entire Katy organization."

## Bird & Son Locating Plant in South Carolina

"The successful application of research into the possibilities of South Carolina raw materials has been a factor in the decision of one of the nation's best known manufacturers to locate a large new plant in this state," Governor James F. Byrnes announced last month.

He said Bird & Son, Inc., East Walpole, Massachusetts, established in 1795 and makers of roofing, building materials and many other products, has decided to establish a \$2,250,000 plant at Charleston. Tests made at Clemson College will enable the company to use native South Carolina materials in the manufacture of roofing products.

"We are delighted to have this fine old company in our State, and especially so because our research into the uses of native materials has assisted them," Governor Byrnes said.

A. H. Anderson, president of Bird & Son, has expressed his gratification over the completion of plans for the new plant. He said he was greatly impressed with the people of Charleston and with the many State Officials, all of whom have been most cooperative in helping Bird & Son reach the decision to locate in Charleston.

**VIENER  
METALS**



**HYMAN VIENER & SONS**

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Richmond, Virginia

**ALUMINUM ALLOYS • BABBITT METALS • BRASS INGOTS  
PIG and CAULKING LEAD • LEAD ALLOYS • SOLDER METALS  
TYPE METALS • TIN AND TIN ALLOYS • SLAB ZINC**

*Specification Non-Ferrous Metals and Alloys*

**"YOUR DEPENDABLE SOURCE OF SUPPLY — VIENER METALS"**

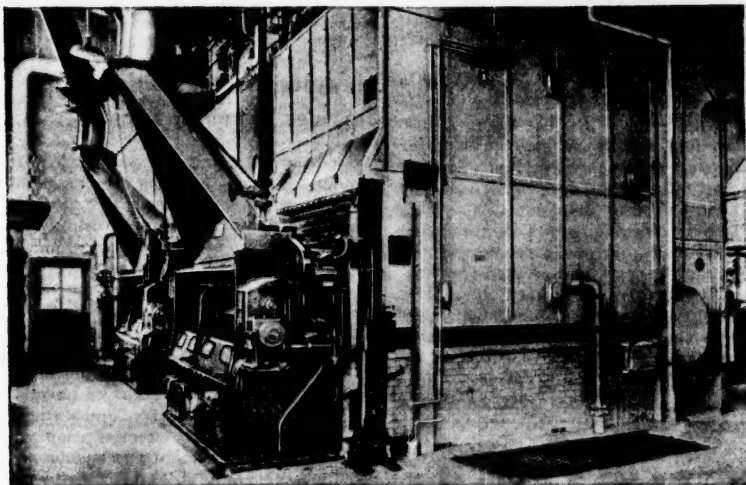


# "COAL'S BEST FOR OUR MODERN PLANT!"

It's low in cost . . .

It's clean and convenient!"

says G. W. Peters, Engineering Manager  
M&R DIETETIC LABORATORIES, INC.  
makers of PREAM & SIMILAC



"We made a careful study of fuels and burning equipment before building our modern new plant in Sturgis, Michigan. This plant was designed to produce baby food. So the steam plant has to be clean and dust-free as well as economical to operate. Also, we wanted a fuel we could store safely and easily in order to insure ourselves against any shortages.

"We decided on bituminous coal—and the up-to-date installation shown here. It certainly fills the bill on every count. Our modern combustion equipment makes coal far more economical than any other fuel. Up-to-date coal and ash handling give us convenient operation completely free of dust nuisance."

*Additional case histories, showing how other types of plants have saved money by burning coal the modern way, are available upon request.*

**Discover for yourself the great advantages of coal** burned the modern way. Call in a consulting engineer. He'll show you how today's combustion equipment can give you 10% to 40% more power from a ton of bituminous coal than from equipment used only a few years ago. He'll show you how modern labor-saving coal and ash-handling equipment make a coal-fired installation clean, convenient, and dust-free.

**If you plan to remodel or build a new plant,** be sure to look into the low cost and convenience of bituminous coal. Consider coal's other advantages, too. It has reserves that are virtually inexhaustible. America's bituminous coal mining industry is the most efficient and productive in the world. With bituminous coal, you can be sure of plenty of fuel at relatively stable prices now and for years to come.

**If you operate a steam plant, you can't afford to ignore these facts!**

**BITUMINOUS COAL** in most places is today's lowest-cost fuel, and coal reserves in America are adequate for hundreds of years to come.

**COAL** production in the U.S.A. is highly mechanized and by far the most efficient in the world.

**COAL** prices will therefore remain the most stable of all fuels.

**COAL** is the safest fuel to store and use.

**COAL** is the fuel that industry counts on more and more—for with modern combustion and handling equipment, the inherent advantages of well-prepared coal net even bigger savings.

## BITUMINOUS COAL INSTITUTE

A Department of National Coal Association  
Southern Building, Washington 5, D. C.

FOR HIGH EFFICIENCY & FOR LOW COST  
**YOU CAN COUNT ON COAL!**

## New Tin Can Manufacturing Facilities in the South

The supplying of slip cover style tin cans in various sizes to meet the growing needs of Southern industry has been an important part of the expansion program for better service to customers of Vulcan Tin Can Co., Bellwood, Illinois.

This service has been established through the facilities of Vulcan Steel Container Co. who, about a year ago, opened a new plant in Birmingham, Alabama for the manufacture of steel shipping containers. The demand for both seamed and seamless tin cans has grown enormously in both seamed and seamless style bodies, and Vulcan Tin Co. is happy to announce that these demands can now be met promptly with the new manufacturing facilities in operation at the plant of Vulcan Steel Container Co. in Birmingham, Alabama, which will also enable firms who require both cans and pails to secure combination shipments.

Although the new production line was set up primarily for the manufacture of slip cover cans to meet the needs of printing ink manufacturers, capacity is far beyond these requirements and this popular style tin can is now available from Birmingham for a wide variety of other manufacturers.

Vulcan Tin Can Co. has recently been developing individually sized tin cans in any quantity runs for the packaging and materials handling of many items which

have formerly employed packaging materials and methods which do not meet present day requirements; an example is the better preservation and packaging of both commercial and military original, spare and replacement parts. These individually sized cans are supplied in sizes from 1 oz. to 3 gallon capacities. Inquiries should be made to Vulcan Tin Can Co., P.O. Box 367-NR, Bellwood, Illinois, with prompt shipment of popular sizes for Southern users from the Birmingham Plant.

## Stone Manufacturing Co. Begins Major Expansion

A major expansion on which construction has just started will give Greenville one of the world's largest clothing manufacturing plants, L. W. Bishop, director of the Research, Planning and Development Board, announced last month.

The Stone Manufacturing Company, a locally owned firm, is adding a sizable new wing which give the plant 150,000 square feet of floor space and provide for increasing its employees from about 1,400 to 2,000 persons, he said. It also has a Columbia plant employing 500.

"I am especially proud to announce this expansion, not only because of the hundreds of new jobs created, but because it represents a native South Carolina industrial success story, made possible by the ability and energy of South Carolinians," Mr. Bishop added.

The company had only five sewing machines when Eugene E. Stone, III, its president, a native of Greenville, started it 20 years ago in the depth of the depression. Today there are more than 1,100 machines humming smoothly on a vast floor which is one of the most modern sewing rooms in the nation.

When time came for the first payroll for its five employees in 1933, the banks offered depression "scrip," but Mr. Stone refused because he thought it unfair to his employees. He held out for cash, and that was the beginning of a policy which still holds the welfare of personnel as a prime consideration.

With the newest plant addition will come an employee innovation duplicated nowhere else in the industry. This will be a large swimming pool behind the plant, with bathhouses for both men and women.

## New Business and Defense Services Administration

Secretary of Commerce Sinclair Weeks announced October 1st the establishment of the Business and Defense Services Administration, a primary organization unit in the Department of Commerce.

The new agency: a) continues the residual defense and mobilization functions of the former National Production Authority, as authorized by law, b) consolidates five current departmental offices, c) establishes 25 industry divisions, staffed by business experts from government and private industry, and d) provides a focal point for effective cooperation between government and business in promoting economic stability and growth.

The offices transferred to the BDSA are: the Office of Technical Services, the Office of Distribution, the Field Service, staff functions of the Industry Evaluation Board, and the Office of Industry and Commerce, including its Trade Association, Commodities Standards and Area Development Divisions.

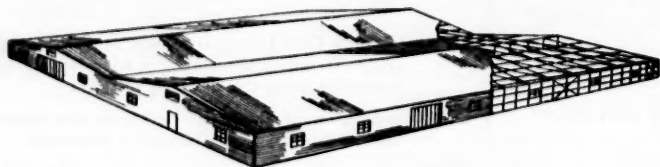
Secretary Weeks in a statement said: "The Business and Defense Services Administration is a new consolidated agency, developed for modern conditions and geared for practical programs of teamwork between government and business in serving the best interests of all the people through an organized exchange of timely ideas, information and services.

## Rust Completes Addition At Durkee Macon Plant

An addition to the refrigeration facilities of Durkee Famous Foods at its Macon, Ga., margarine and mayonnaise plant has been completed by The Rust Engineering Company, the designer-constructor.

Provisions for the expansion were made in 1948 when Rust built the \$2,500,000 margarine plant for Durkee, a division of The Glidden Company, Cleveland, Ohio. At that time one end of the main plant building was constructed to allow for later expansion.

# HOLSTEEL BUILDINGS



## WE MANUFACTURE BUILDINGS

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## HOLSTON STEEL STRUCTURES

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## BUSINESS NOTES

The **Trane Company**, manufacturers of air conditioning, heating and ventilating equipment, announces the new location of two sub-offices of the Greensboro, North Carolina, sales office.

The Charlotte office, managed by Loy F. Thompson, is located at **531 Northgate Avenue**. Address of the Raleigh office is **510 Rose Lane**. Banks W. Clark is sales manager.

**Chicago Bridge and Iron Company** has issued a new 24 page booklet on "**Horton Steel Reservoirs and Standpipes**." It contains illustrations of installations from 50,000-gals. to 10,000,000-gals. capacity with cone, umbrella or ellipsoidal roofs and ornamental structures with special architectural features. Also a table of standard capacities, information on foundations, the advantages of pickling and painting the plates used in building steel reservoirs and standpipes and data on the use of suction tanks for fire protection. Copies are available upon request. Address the company at 332 S. Michigan Blvd., Chicago 4, Ill.

The **Henry Walke Company**, with offices in both Norfolk, Va., and Charlotte, W. Va., has been appointed a distributor for the **Carboloy Department of General Electric Company**.

The organization will carry the Department's entire line of standard cemented carbide tools and blanks, carbide-tipped masonry drills and diamond wheel dressers.

L. F. Perkins, vice-president and general manager, will direct the sale of Carboloy products in the Norfolk office. P. A. Newberry, sales manager, will direct the operation in Charlotte.

**Farr Company of Los Angeles**, manufacturers of Far-Air filters and air filtration equipment, announces the establishment of a Southern Division sales office in the **Sterick Building in Memphis, Tennessee**, according to J. D. McCampbell, Farr Sales Manager. Donald Harworth, Southern Division Sales Manager, is in charge of the new office, which was established to service the rapidly growing demand for Farr products in the South, it was announced.

Mr. William J. McAlpin, President of the **J. J. Finnigan Company, Atlanta, Georgia** announces the opening of a branch office in New York City at **41 E. 42nd Street**. The New York Office will service New York State, Connecticut and New Jersey.

Mr. Wendel W. Clinedinst, has been ap-

pointed District Engineer of the branch and Mr. Myles Williamson is Assistant District Engineer of the same.

Mr. John Shallcross, President of the Shallcross Manufacturing Company, Collingdale, Pa., recently announced the appointment of two additional sales representatives for the company's line of precision wirewound resistors, rotary switches, audio attenuators, and electric-electronic measuring instruments.

**John F. Bivins, David J. Caldwell, and C. M. Smith, Jr., of Bivins & Caldwell, Security Bank Building, High Point, N. C.**, now represent this 25-year old manufacturer in North and South Carolina; Georgia; Tennessee; Alabama—North of U. S. Highway 80; and Virginia—except in Fairfax and Arlington counties.

The second, and most recent appointment is **Industrial Associated Electronics, 1900 Queen Street, Fort Worth, Texas**.

**Charles S. Martin Distributing Co., Inc., Atlanta, Ga., and Moore-Handley Hardware Co., Inc., Knoxville and Chattanooga, Tenn.**, have been appointed distributors for **Whirlpool Corporation** effective Sept. 15, it was announced by Whirlpool sales manager John M. Crouse.

# Mr. Manufacturer...

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**Atlantic Steel Company**

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### C&P Board Authorizes Improvement Expenditures

Expenditures of \$4,600,000 for the improvement and expansion of telephone facilities in Maryland were authorized September 28 by the board of directors of the Chesapeake and Potomac Telephone Company of Baltimore City.

These expenditures bring the total approved for new telephone construction in the state thus far this year to \$28,000,000.

The major portion of the total approved at today's meeting was \$3,345,000 which will be allocated to a large number of projects involving expenditures for the construction and replacement of telephone plant in Maryland during the fourth quarter of 1953.

The largest single appropriation was \$297,000 for additional equipment in the Hunter telephone office in Pikesville to provide switching equipment for the connection of additional telephones.

For the Ridgeway telephone center at Catonsville, \$138,300 was authorized for additional switching equipment for connection of additional telephones.

An expenditure of \$261,000 was authorized as part of a \$1,400,000 project involving the erection of a new building and dial telephone equipment at Wheaton.

Approval was given for an expenditure of \$6,000 to expand the company's switchboards at Crisfield and to provide for growth.

### CP&L Gas Sales Wins Approval

The Utilities Commission has issued an order approving the sale of Carolina Power & Light Company's gas properties to the recently-organized Tidewater Gas Company. The properties are located at Fayetteville, Kinston, New Bern, Washington and Wilmington.

Closing date of the sale is October 22. Tidewater would commence gas service November 1.

The Utilities Commission ruled that the change will serve the best interest of gas consumers.

### Smith Lumber Expanding At Chapman, Ala. Plant

The Rust Engineering Company is designing a new service garage and maintenance shop for the W. T. Smith Lumber Company at its Chapman, Ala. plant.

The new \$75,000 facility will be used for service of some 165 vehicles and heavy equipment of all types necessary to W. T. Smith's large lumbering operation.

Earlier this year the Rust firm completed a modernization program at the Chapman plant that included a new 50,000 lbs.-per-hour steam boiler, new log handling facilities, and new type chipping and debarking equipment. The latter installations allow the lumber company to make a fuller utilization of the whole pine log than was heretofore possible.



## Mississippi Lists New Establishments

Mississippi has attracted a total of 664 new establishments during the past five years which employ a total of 26,641 workers, according to the Mississippi Employment Security Administration.

Of these new jobs, a total of 15,338 were in manufacturing and the balance of 6,713 were in wholesale and retail trade and in service industries. Only 4,410 of the new jobs were distributed among the many other industries of the state.

Seventy-one of Mississippi's 82 counties have within the last five years brought in at least one new industry employing a substantial number of citizens of the area and providing a needed payroll.

Only 11 counties have failed to claim a new industry since 1948, including Calhoun, Carroll, Choctaw, Claiborne, DeSoto, Holmes, Issaquena, Jefferson, Newton, Sharkey and Wilkinson, according to the Mississippi Employment Service.

Robert Prisock, executive director of the commission, says "There is revealed an improving pattern of industry in Mississippi." He says a study of new registrations in the post-war period reveals a constantly declining percentage of successors in business, indicating a more stable economy, and of employers in lumber and timber basic products.

"The definite trend is in the direction of intelligent selection of types of manufacturing plants that turn out products of high rather than low value," Prisock declared.

## Frisco Buys Five Diesel Units

Purchase of five additional diesel units at a total cost of \$762,408 was authorized by the Board of Directors of the St. Louis-San Francisco (Frisco) Railway, Clark Hungerford, president announced.

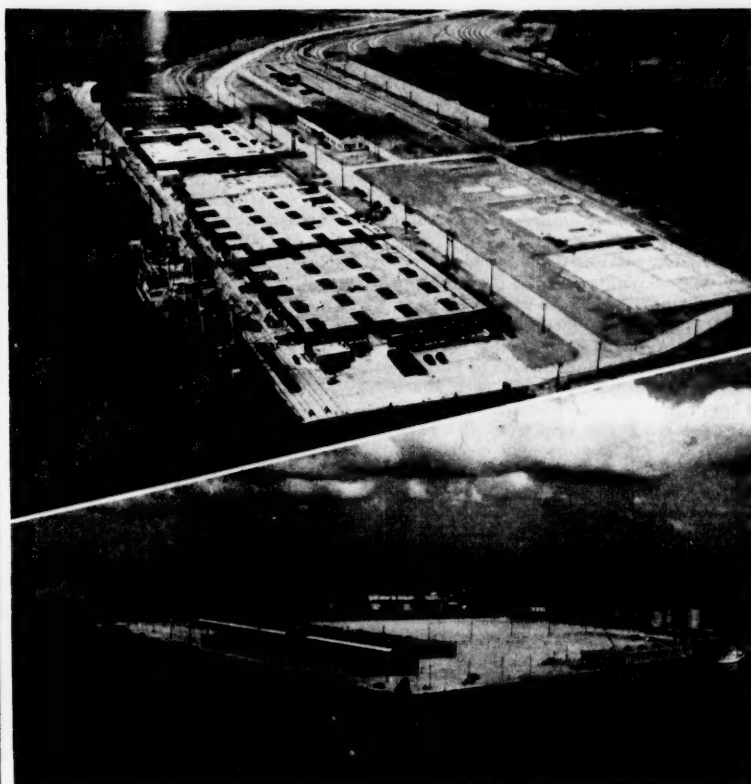
The units, all of the "B" type will increase the total number of diesel units of all types on the Frisco from 412 to 417. "B" units are power units, without controls, of 1500-horsepower each and are used in conjunction with "A" units in hauling freight trains.

At the same time, the Board authorized \$53,000 for installation of a telephone dispatching system between Neodesha and Wichita, Kansas, a distance of 104 miles. The telephone system will replace the present telegraph dispatching method.

## Daniel Wins Contract For Telephone Building

Daniel Construction Company of Greenville, South Carolina, and Birmingham, Alabama, has been awarded contract for the construction of a new central exchange for the Southern Bell Telephone Company, to be located in Camden, South Carolina.

The structure is a complete new telephone exchange serving the Camden area.



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DEPARTMENT OF CONSERVATION AND DEVELOPMENT, RALEIGH, NORTH CAROLINA  
Ben E. Douglas, Director

## FINANCIAL NOTES

**Delta-C&S Air Lines** ended its fiscal year June 30 with a net profit after taxes of \$1,402,117, plus special items of \$2,756,561, making a total of \$4,158,678, equivalent to \$6.93 a share, according to preliminary unaudited figures released last month.

Dividends totaling \$1.00 a share were paid to stockholders during the year and the remaining \$3,583,678 was retained in earned surplus, increasing this to \$8,174,841 at June 30, 1953, and giving the company total capital and surplus of \$15,647,278, equivalent to \$26.08 for each share of common stock outstanding.

In reporting the profits to the company board of directors at a meeting in Atlanta today, C. E. Woolman, president and general manager, pointed out that they do not include the operations of Chicago and Southern Air Lines, Inc., prior to the merger on May 1, 1953.

The Board of Directors of **Temco Aircraft Corporation**, Dallas, Texas, at a special meeting at the company offices on

Friday, September 11, declared a regular quarterly dividend of 15 cents per share on the company's outstanding common stock. The dividend will be paid September 29 to stockholders of record September 18, according to Temco President Robert McCulloch.

Net earnings of **International Minerals & Chemical Corporation** for the fiscal year ended June 30, 1953, increased nearly 6 per cent to \$7,030,176 from \$6,653,251 for the previous year, according to the corporation's 44th annual report made public last month.

Net sales for the year ended June 30, 1953, amounted to \$88,837,456, an increase of 5 per cent over sales of \$84,570,447 in the preceding year.

Earnings were equivalent to \$2.87 per Common Share on the 2,316,164 shares outstanding at the year end. This compared with \$2.90 per share on the 2,161,511 shares outstanding a year earlier.

A regular quarterly dividend of 37½¢ per share on the Preferred stock and a dividend of 25¢ per share on the Common stock, was declared by **Whiting Corporation** at a meeting of the Board of Directors held today at Harvey, Illinois. Both dividends are payable October 15 to stock of record October 1, 1953.

Record sales of \$46,797,535 for the first 36 weeks of this year were reported today by **American Enka Corporation**, producers of rayon textile and tire yarn. This compares with \$41,378,693 for the first 36 weeks of 1952, an increase of approximately 13 per cent.

Net income for the 36 weeks increased

to \$4,656,504, or \$4.17 per share, compared with \$4,226,151, or \$3.78 per share, for the corresponding period last year, an increase of 10 per cent.

For the 12-week period ended September 6, net sales were \$14,743,622, compared with \$15,501,077 a year ago and net income amounted to \$1,485,597 compared with \$1,734,532.

**General Telephone Company of the Southwest** announced recently the sale of \$3,000,000 of 4½% Bonds, due 1983, to four institutional investors. Purchasers include **New York Life Insurance Company**—\$1,000,000, **Connecticut General Life Insurance Company**—\$750,000, **Mutual Benefit Life Insurance Company**—\$750,000 and **Connecticut Mutual Life Insurance Company**—\$500,000.

Proceeds from the sale of Bonds and from sale of additional common stock to the parent, General Telephone Corporation, are being used to finance the acquisition of the properties of The San Angelo Telephone Company and the Del Rio and Comstock exchanges of the Del Rio & Winter Garden Telephone Company, and to repay short term bank loans used for construction.

The **Alexandria Water Company, Alexandria, Virginia** has sold \$1,925,000 of 4½% bonds due 1978, to three institutional investors, E. A. Geehan, President, announced recently.

**New York Life Insurance Company** purchased \$1,000,000, **Massachusetts Mutual Life Insurance Company** \$500,000 and **Teachers Insurance and Annuity Association of America** \$425,000.

**Alexandria Water Company**, a subsidiary of the American Water Works Company, provides water service in the City of Alexandria, Virginia, and adjacent areas in Fairfax and Prince William Counties.

W. C. Langley & Company acted as agent for the issuer.

The Board of Directors of **Hercules Powder Company** has declared a regular quarterly dividend of 1¼%, equal to \$1.25 a share on its preferred stock, payable November 14 to stockholders of record November 2.

Sales of **Reeves Brothers, Inc.**, during the fiscal year ended June 30, 1953, totalled \$69,279,961, according to an announcement made by John M. Reeves, president of this textile manufacturing concern.

Net profit amounted to \$1,488,623, equal to \$1.31 per share of common stock. These figures compare with sales of \$71,356,718 and earnings of \$2,355,153, or \$2.07 per share, reported for the comparable 1952 fiscal year.

Mr. Reeves stated that the decline in sales and earnings reflected conditions prevalent throughout the textile business during the company's fiscal year.

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## Rust Building Facility For Crossett Lumber

New log handling facilities are under construction for the Crossett Lumber Company at Crossett, Arkansas, according to The Rust Engineering Company, of Birmingham, and Pittsburgh, the engineer-constructor. Contract cost is around \$400,000.

The Crossett mill handles some 40,000,000 bd. ft. of Southern pine logs per year and the new system is designed for operation with debarking equipment which removes the bark mechanically before the logs enter the saw mill.

The debarking equipment enables the Company to recover the hitherto "waste" slabs as clean slabs from its sawmill operations for conversion into pulp chips used in the nearby paper plant of Crossett Paper Mills Company.

Construction is scheduled for completion in January of next year a Rust official said.

## NEW PLANTS

(Continued from page 14)

Inc., 5517 Manchester, for addition to freight house.

**KANSAS CITY**—Hoffman Radio Corp., H. Leslie Hoffman, Pres., Los Angeles, Calif., plans \$1,000,000 plant.

**ST. LOUIS**—Chevrolet St. Louis Div. of General Motors Corp., 3809 N. Union Ave., let contract to J. S. Alberici Construction Co., 1550 Irving Ave., for alterations to mill building, Union & Natural Bridge Aves. Kenneth E. Wischmeyer, 911 Locust St., Archt.

**ST. LOUIS**—Chicago Pneumatic Tool Co., 1931 Washington, plan office and sales room, 2165 Hampton Ave. Paul Klingensmith & Associates, 4232 West Pine Blvd., Archts.

**ST. LOUIS**—Radio Station KWK, 1215 Cole St., let contract to H. B. Deal & Co., Inc., 5517 Manchester Ave., for \$15,500 alterations to station. Russell, Mullgardt, Schwarz, Van Hoefen, 1620 Chemical Building, Archts.

### NORTH CAROLINA

**NORTH CAROLINA**—Carolina Power & Light Co. plans expenditure of \$40,000,000 for projects and improvements.

**ASHEBORO**—Randolph Electric Membership received bid of \$68,900 from Coltrane-Graham Construction Co., High Point, for office building. John C. Croft, Jr., Archt.

**CHARLOTTE**—J. E. Elrod Lumber Co. let contract to Frank H. Conner Co., P. O. Box 1031, for building.

**CLINTON**—Cumberland Dairy Products, Fayetteville, let contract to Player Realty & Construction Co., Fayetteville, for dairy building. Voorhees & Everhart, High Point, Archt.

**GREENSBORO**—Gulford Dairy Cooperative Association received bids for ice cream plant. Mann & McLawhorn, Archts.

**HIGH POINT**—Amos Hosiery Mill let contract to R. K. Stewart & Son, 1519 S. Main, for \$37,800 addition to plant. Lashmit, James, Brown & Pollock, Winston-Salem, Archts.

**RALEIGH**—Carolina Power & Light Co. received bids for building. F. Carter Williams, Archt.

**STONEVILLE**—Baxter, Kelly & Faust, Inc., let contract to Lee Construction Co., Charlotte, for addition to No. 1 Plant.

**WASHINGTON**—National Spinning Co. let contract to H. L. Coble Construction Co., 1705 Battleground Ave., Greensboro, N. C., for plant.

**WILSON**—Sidney Blumenthal & Co., Inc., mfrs. of plush and pile fabrics, building a 50,000 sq. ft. addition to plant.

**WILSON**—Ralston Purina Co. started work on a new 75,000 ton per year chow mill.

### OKLAHOMA

**OKLAHOMA**—Sunray Oil Corp. plans new pipe line stretching 475 miles from Oklahoma to Mississippi River, at \$15,000,000.

**DUNCAN**—Ucan Products Co. let contract to Lummus Co., Milan Bldg., Houston, Tex., for coking unit plant.

**ELK CITY**—Shell Oil Co. let contract to Los Angeles Fluor Corp., Ltd., for second major extension of gasoline plant.

**TULSA**—Mid Continent Petroleum Corp. let contract for new \$3,500,000 catalytic reforming unit at West Tulsa refinery.

### SOUTH CAROLINA

**SOUTH CAROLINA**—South Carolina Natural Gas Co. let contract to Williams Bros. Co., Tulsa, Okla., for construction of 152 miles natural gas pipe line transmission system.

**ANDERSON**—Carolina Northwestern Railway Co., Washington, D. C., let contract to Ross Builders, for new office building and alterations to existing warehouse.

**BAMBERG**—Edisto Electric Cooperative, Inc., received bids for Headquarters Building.

**CAMDEN**—Southern Bell Telephone Co. let contract to Daniel Construction Co. of Greenville, for a new central exchange building. Armistead & Saggus, Atlanta, Ga., Archts-Engrs.

**CHARLESTON**—Bird & Sons, Inc., Axel H. Anderson, president, East Walpole, Mass.,

purchased 48 acres land on Ashley River to erect \$2,250,000 roofing and granule plant.

**GREENVILLE**—Old Colony Furniture Co., Easley Highway, plans new building, Augusta Road. Braxton H. Williams, Archt.

**GREENVILLE**—Clausen's Bakery, Augusta St., Augusta, Ga., received bids for addition to bakery. Robert H. Longstreet & Assoc., Lewis Plaza, Archt.

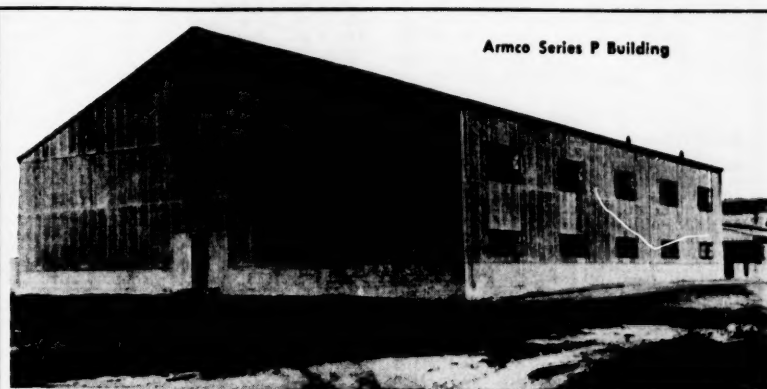
**GREENVILLE**—The Stone Manufacturing Co., Eugene E. Stone, III, President, plans clothing plant.

**ROCK HILL**—Cox Motor Co. received bid of \$105,998 from S. A. Pope for new building. Gilchrist & Cook, Archt.

**SPARTANBURG**—Cinchfield, Charleston & Western Carolina Railroads, and Piedmont & Northern Railroad, plan crosstown railway tunnel from point near Wofford College's Snyder Field, to point near N. Choice St., at \$1,500,000.

### TENNESSEE

**BOLIVAR**—Baker Construction Co., Waynesboro, has award of \$76,404 for erect-  
(Continued on page 60)



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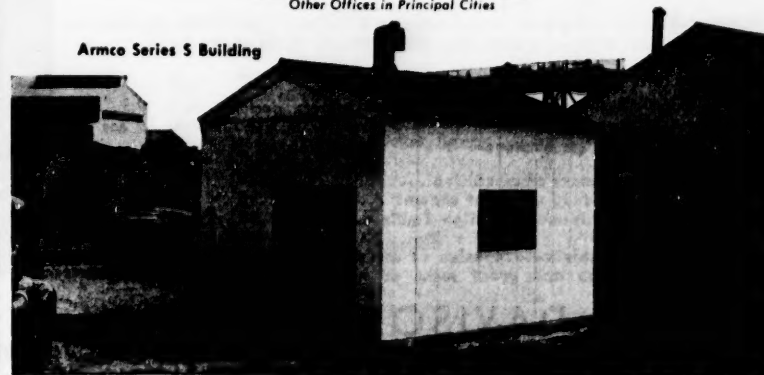
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Other Offices in Principal Cities



Armco Series S Building



# NEW PLANTS

(Continued from page 59)

tion of Municipal Power Board Headquarters building.

**CHATTANOOGA**—The Crane Co. let contract to Mark K. Wilson, Chamberlain Bldg., for \$25,000,000 titanium plant. Site comprises approx. 200 acres on N. Hawthorne St., South Chickamauga Creek, and a spur line of Southern Railway System, 1 mile east of Boyce Station and 2 miles below Chickamauga Dam. Selmon T. Franklin, 421 Poplar, Archt.

**DAVIDSON COUNTY**—Corps of Engineers received bids for hydro-electric power plant. CIVENG 40-058-54-6.

**MEMPHIS**—Bluff City Distributing Co. received bids for building. Walk C. Jones & Walk C. Jones, Jr., Archts.

**MEMPHIS**—Pan-Am Southern Corporation, Bellevue & Norris Road, let contract to H. G. Hall Construction Co. for service station.

**RIPLEY**—Ripley Light & Power Co. received bids for Headquarters Building. W. C. Lester, Dermon Bldg., Memphis, Tenn., Archt.

**SOMERVILLE**—The Somerville Iron Works, Inc., plans expansion program.

## TEXAS

**AMARILLO**—Morrison Supply Co. received bid from Cliver Construction Co., 820 Tennessee, for \$39,800 warehouse. Kerr & Shiver, 1801-D Washington, Archts.

**ATHENS**—Ath-Tex Ceramics, Inc., plans \$90,000 plant on West Corsicana St.

**ATHENS**—Olive & Meyers Furniture Manufacturing Co., Horace D. Spaitl, Pres., 2220 Young St., Dallas, plans factory. Giffels & Vallet, Inc., P. O. Box 1498, Houston, Archts.

**AUSTIN**—Capital Auto Supply, 304 E. 1st St., received bid of \$35,518 from Frank R. Rundell, P. O. Box 455, for building. Richard E. Burnett, 1806 Alta Vista, Archt.

**AUSTIN**—Sinclair Refining Co. received bid of \$19,350 from E. E. Rapsilver, Brookshire, for service station. Montopolis Road & Bargas Drive. Edwin C. Kreisler, 300 W. 19th St., Archt.

**BARKER**—Southwestern Bell Telephone

Co., K. A. Ganssle, Chief Engr., 308 S. Akard St., Dallas, let contract to J. L. Drymalla, Columbus, for dial building.

**BEAUMONT**—William Cameron Co. let contract to Reggie Smith for \$62,288 addition to warehouse, 1850 Gladys St. Spicer & Bush, 503 Amicable Bldg., Waco, Archts.-Engrs.

**BEAUMONT**—Central Freight Lines, P. O. Box 238, Waco, received bid of \$208,700 from O'Rourke Construction Co., P. O. Box 7557, Houston, for freight terminal.

**BEAUMONT**—Magnolia Petroleum Co., 1395 N. 11th St., let contract to Baker Construction Co., 3402 Concord, for service station.

**BELLVILLE**—Humble Oil & Refining Co., P. O. Box 2180, Houston, let contract to Gray & Becker, Inc., 3901 Strauss Drive, Austin, for service station addition, Main & Miller Sts.

**BIG SPRING**—Continental Oil Co., 301 E. 1st St., let contract to J. D. Jones, 1000 Lamesa Highway, for \$22,000 service station, 1800 Gregg St.

**BRECKENRIDGE**—Chemical Process Co. plans building. Donald R. Goss, McBurnett Bldg., San Angelo, Archt.

**CAMPBELLTON**—Southwestern Bell Telephone Co., K. A. Ganssle, Chief Engr., 308 S. Akard St., Dallas, let contract to Hester Tully, Pearsall, for community dial building.

**CHILDRESS**—Southwestern Bell Telephone Co., 308 S. Akard St., Dallas, let contract to Burford Construction Co., 3220 Ash Lane, Dallas, for \$86,973 office and dial building. Jameson & Merrill, 820 N. Harwood, Dallas, Archts.

**CROWLEY**—Southwestern Bell Telephone Co., K. A. Ganssle, Chief Engr., 308 S. Akard St., Dallas, let contract to James H. Simmons, 2027 N. Tierney Road, Fort Worth, for community dial building.

**CORPUS CHRISTI**—Jaffe & Martin, 202 Winewood St., San Antonio, and O. S. Wyatt, Jr., Wymore Oil Co., will construct petroleum building on Upper North Broadway. Valdez & Williams, 918 Manor Drive, San Antonio, Archts.

**CORPUS CHRISTI**—Pontiac Refining Corp. and Gulf Oil Corp. will construct \$1,304,000 petroleum refining facilities.

**CUERO**—DeWitt County Electric Cooperative, Inc., let contract to R. B. Butler, Inc., P. O. Box 471, Bryan, for warehouse and garage building.

**DALLAS**—Associated Wholesale Grocers

of Dallas purchased 23½-acre site for new building.

**DALLAS**—Fluff's, Inc., 2005 Wall, let contract to Miller & Norton, 4415½ Belmont, for \$72,100 manufacturing plant. Euguen Davis, 2603 Fairmount, Archt.

**DALLAS**—Manor Baking Co., 3500 Manor Way, let contract to Churchill & Barry, Life of America Building, for addition to office building.

**DALLAS**—Morton Foods, 6333 Denton Drive, let contract to Carpenter Brothers, 1335 Plowman St., for \$87,000 manufacturing plant. Bertram Hill, 5528 Live Oak, Archt.

**DALLAS**—The Straus-Frank Co., Houston

and San Antonio, plans new plant.

**DALLAS**—Windsor Properties, Inc., W. C. Windsor, Chmn., developed 1200-acre project, to be known as Brook Hollow Industrial District, located off Harry Hines Blvd., S.W., of Brook Hollow Country Club. District will provide ideal factory and warehouse center. Broad & Nelson, Archts., Engrs. & Planners.

**EL PASO**—Pasotex Pipeline Co. plans laying of \$4,000,000 crude oil carrier to give Scurry County Reef area a new market outlet to West. Line will extend from near Snyder westward to Wink in Winkler County, connecting with Pasotex's trunk carrier.

**FORT WORTH**—Fort Worth Star Telegram, 400 W. 7th St., let contract to Thomas Byrne, Fort Worth National Bank Bldg., for \$30,000 repairs to plant. Preston M. Geren, 167 Fort Worth National Bldg., Archt.

**FORT WORTH**—Humble Oil & Refining Co., 2412 Cullen, let contract to H. L. Arnold, Box 7473, for \$20,000 service station, 3324 E. Belknap St.

**FORT WORTH**—Swieco, Inc., 1518 E. Lancaster, let contract to W. C. Harms, 1228 W. Shaw, for \$36,836 office and shop building. Robert P. Woltz, Jr., 1030-7th St., Archt.

**FORT WORTH**—Texas Supply Co., 112 St. Louis, let contract to Childs Construction Co., 2716 E. Lancaster, for \$30,000 warehouse, 111 S. Main.

**GAINESVILLE**—National Supply Co., Otton Waffenschmidt, Purchasing Agent, Pittsburgh, Pa., plans \$3,500,000 manufacturing building. Giffels & Vallet, Inc., 1000 Marquette Bldg., Detroit, Mich., Archts.-Engrs.

**GAINESVILLE**—Southwestern Bell Telephone Co., K. A. Ganssle, 308 S. Akard St., Dallas, let contract to J. O. Boyd Construction Co., P. O. Box 1343, Dallas, for office building. Thomas, Jameson & Merrill, 820 N. Harwood, Dallas, Archts.

**GEORGETOWN**—The Southwestern States Telephone Co., H. M. Hammond, Supt., Brownwood, plans telephone building. Jack F. Doyle, P. O. Box 12, Brownwood, Archt.

**HOUSTON**—Bethlehem Steel Co., 7100 Clinton Drive, plans \$100,000 additions and alterations to office building. Wyatt C. Hedrick, 5201 Fannin St., Archt.-Engr.

**HOUSTON**—William Cameron & Co., Inc., 1901 Cullen Blvd., received bid from Pence

(Continued on page 62)

## ECONOMIC SYSTEMS & METHODS

Cooperative Production and Profit Sharing Plan  
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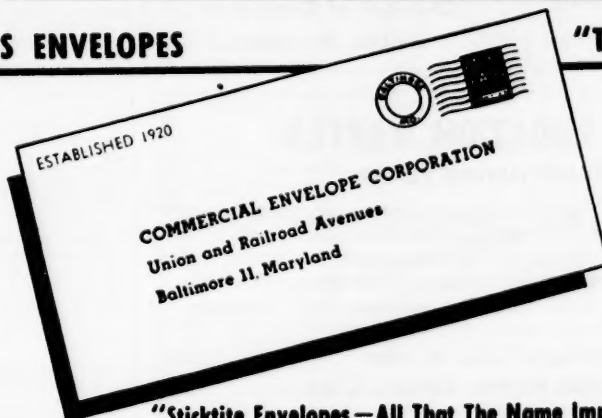
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# NEW PLANTS

(Continued from page 60)

Construction Corp., P. O. Box 226, for \$55,540 warehouse addition, Spicer & Bush, Amicable Bldg., Waco, Archt.-Engrs.

**HOUSTON**—Carnation Milk Co., 701 Waugh Drive, let contract to Schneider Construction Co., P. O. Box 13157, for remodeling building.

**HOUSTON**—Continental Oil Co., Sterling Bldg., plans \$28,000 service station, 7105 Stella Link.

**HOUSTON**—Danbriar Corporation, Greenbriar & Daville Sts., let contract to Robert E. NeSmith, Inc., 6738 Long Drive, for \$260,000 office building.

**HOUSTON**—Gould-National Batteries, Inc., First National Bank Bldg., St. Paul, Minn., plan new battery plant, Slisbee & Murphy Sts.

**HOUSTON**—Hawthorne-Weaver Co., let contract to J. N. Heard, 1310 McKinney, for office building, Wilson, Morris & Crain, 3330 Graustark, Archts.

**HOUSTON**—Humble Oil & Refining Co., let contract to Albert Meyerson Co., 3742 Charleston, for two service stations.

**HOUSTON**—Humble Oil & Refining Co., let contract to Rose Constructors, 917 W. Alabama Ave., for service station.

**HOUSTON**—Hughes Tool Co., 5425 Polk Ave., let contract to Southwestern Construction Co., P. O. Box 1204, for cafeteria building.

**HOUSTON**—Dr. Walter W. Kemmerer of University of Houston, announced plans for \$100,000,000 World's Fair. Plans developing 985-acre site adj. San Jacinto Park on Houston Ship Channel.

**HOUSTON**—Kri-Pax Baking Co., let contract at \$35,990 to Brown Construction Co., 5105 Avenue L, for one-story building on Silver St. bet. Spring & Weber Sts. Theodore F. Keller, 978 M&M Bldg., Archt.

**HOUSTON**—National Supply Co., 6299 Navigation St., let contract to Southwestern Construction Co., P. O. Box 1204, at \$19,900 for remodeling office.

**HOUSTON**—National Ventilating Co., let contract to Harold Van Buskirk & Co., 3105 Dixie Dr., for \$35,445 office and warehouse building. Hefly & Hall, 5526 Dyer, Dallas, Archts.

**HOUSTON**—Pacific Molasses Co., M&M Bldg., let contract to Consolidated Western Steel Co., M&M Bldg., for \$35,000 warehouse.

**HOUSTON**—Reader's Wholesale Distributors, Inc., 414 Washington Ave., plans warehouse. Irving R. Klein & Associates, 1317 Austin St., Archts.

**HOUSTON**—Sinclair Refining Co., let contract to E. G. Lowry Construction Co., 5933 Kansas St., for \$23,000 service station, Memorial Drive & Knox St.

**HOUSTON**—Southwestern Bell Telephone Co., 1121 Capitol, let contract to Fretz Construction Co., 2000 Eastwood St., for alterations to the Preston-Fairfax Exchange Building. Cato, Austin & Evans, 2108 Crawford, Archts.

**HOUSTON**—Texas Industrial Film Co., M&M Bldg., let contract to Brown Construction Co., 5105 Avenue L, for \$32,816 warehouse-studio building. Theodore F. Keller, 978 M&M Bldg., Archt.

**HOUSTON**—Texas Pipe Line Co., subd. of Texas Co., let contract to Panama-Williams Co., for approx. 65.6 miles pipe line, and seven gathering pump stations in South Louisiana.

**HOUSTON**—Wonder Rice Oil Co., 415 Schweikart St., let contract to O'Rourke Construction Co., 4011 Koehler, for \$15,000 addition to building.

**HUERT**—Bell Aircraft Corporation started construction on two new office-storage buildings.

**LIBERTY**—McLendon Motor Co., Ford Agency, received bid from Liberty Lumber & Building Co., for \$55,194 building. Lowell Lammers, P. O. Box 3220, Baytown, Archt.

**LONGVIEW**—Resistol Hats, Inc., Harry Roinick, president, Garland, plans \$700,000 plant. Wyatt C. Hedrick, Dallas, Archt.

**LONGVIEW**—Texas Eastman Co., James S. White, Pres., Kingsport, Tenn., plans \$3,800,000 plastic manufacturing plant.

**LUBBOCK**—Armstrong Warehouse & Transfer, Inc., plans warehouse, 702 Texas Avenue, Arnold Maeker, 1203 College Ave., Archt.-Engr.

**LUBBOCK**—Keystone-Fleming Co., Inc., Plainview Cutoff Road, let contract to John T. Glover & Son, 418 Avenue O, for \$19,000 warehouse and offices, 1606 Erskine St.

**LUBBOCK**—West Texas Warehouse Co., Morris Underwood, 2401 Avenue B, to build two warehouses, 205 and 305 Twenty-third St.; cost approx. \$50,000 each.

**MERIDIAN**—Southwestern Bell Telephone Co., K. A. Ganssle, Chief Engr., 308 S. Akard St., Dallas, let contract to H. H. Tomlinson, Hamilton, for community dial building.

**MEXIA**—Southwestern Bell Telephone Co., K. A. Ganssle, Chief Engr., 308 S. Akard St., Dallas, let contract to Coffield Construction Co., Rockdale, for dial building, Commerce & Kaufman Sts.

**NEWARK**—Southwestern Bell Telephone Co., K. A. Ganssle, Chief Engr., 308 S. Akard St., Dallas, let contract to James H. Simmons Construction Co., 2027 N. Tierney Road, Fort Worth, for community dial building.

**PALESTINE**—Ford Auto Agency, J. Hugh Miller, received bid of \$38,800 from Homer McAdams, Box 83, Fairfield, for automobile building. Theodore S. Maffit, Sr., & Theodore Maffit, Jr., 510 N. Sycamore St., Archts.

**PANADENA**—Ethyl Corporation received bid from Farnsworth & Chambers Co., Inc., Box 74, Houston, for \$170,214 plant cafeteria. LaPorte Road, George & Abel B. Pierce, 2200 Welch Ave., Houston, Archts.

**PORT ARTHUR**—Thiochemicals, Inc., Chauncey W. Robinson, Vice-Pres., plans \$500,000 plant.

**PORT LAVACA**—General Telephone Co. of the Southwest, W. C. Wright, president, and R. L. Hastings, building engineer, Reserve Life Bldg., Dallas, received bid of \$109,958 from Commercial Contracting Co., P. O. Box 12, South San Antonio Station, San Antonio, for exchange building. Atcheson & Atkinson, Sanford Bldg., Lubbock, Archts.

**FRESIDIO**—Southwestern Bell Telephone Co., K. A. Ganssle, 308 S. Akard St., Dallas, purchased land for dial building.

**RAYMONDVILLE**—General Telephone Co. of Southwest, W. G. Wright, president, and R. L. Hastings, building engineer, Reserve Life Building, Dallas, received bid of \$91,510 from Templeton-Cannon, 208 Central National Bank Bldg., P. O. Box 548, San Angelo, for exchange building. Atcheson & Atkinson, Sanford Bldg., Lubbock, Archts.

**ROCKWALL**—Southwestern Bell Telephone Co., 308 S. Akard St., Dallas, let contract to Laroe Building Co., Terrell, for new community dial office building.

**ROSENBERG**—Radio Station KFRD plans radio studio and transmitter building. Ernest L. Shult, 5009 Fannin St., Houston, Archt.

**SAN ANGELO**—Angelo Feed & Supply Co., let contract to Norman F. Courage for \$30,400 alterations to building.

**SAN ANGELO**—Magnolia Service Station, Sherwood Way & Campus Blvd., let contract to Ivy Brothers Construction Co., San Antonio, for service station.

**SAN ANGELO**—Sunset Motor Lines plans shop building. Donald R. Goss, McCurnett Bldg., Archt.

**SAN ANTONIO**—Continental Oil Co., P. O. Box 2197, Houston, let contract to H. V. Steel, 336 Rosemary Ave., for service station, W. Commerce & 21st St.

**SAN MARCOS**—Southwestern Bell Telephone Co., K. A. Ganssle, Chief Engr., 308 S.

for exchange building. Atcheson & Atkinson, Sanford Bldg., Lubbock, Archts.

**FRESIDIO**—Southwestern Bell Telephone Co., K. A. Ganssle, 308 S. Akard St., Dallas, purchased land for dial building.

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**SAN MARCOS**—Southwestern Bell Telephone Co., K. A. Ganssle, Chief Engr., 308 S.

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1. That the names and addresses of the publisher, editor, managing editor and business managers are: Publisher, Manufacturers Record Publishing Co., Baltimore, Md.; editor, Wm. M. Beury, MANUFACTURERS RECORD, Baltimore, Md.; managing editor, Richard R. Harwood, Jr.; MANUFACTURERS RECORD, Baltimore, Md.; business manager, Frank Gould, MANUFACTURERS RECORD, Baltimore, Md.

2. That the owner is Manufacturers Record Publishing Company, Baltimore 3, Md.; Stockholders are: Frank Gould, MANUFACTURERS RECORD, Baltimore, Md.; Wm. M. Beury, MANUFACTURERS RECORD, Baltimore, Md.; Fleet-McGinley, Inc., Baltimore, Md.

3. That the known bondholders, mortgages and other security holders owning or holding 1% or more of total amount of bonds, mortgages or other securities are: None.

4. That the two paragraphs next above, giving the names of the owners, stockholders and security holders, if any, contain not only the list of stockholders and security holders as they appear upon the books of the company, but also, in cases where the stockholder or security-holder appears upon the books of the company as trustee or in any other fiduciary relation, the name of the person or corporation for whom such trustee is acting, is given; also that the said two paragraphs contain statements embracing affiant's full knowledge and belief as to the circumstances and conditions under which stockholders and security holders who do not appear upon the books of the company as trustees, hold stock and securities in a capacity other than that of a bona fide owner; and this affiant has no reason to believe that any other person, association or corporation has any interest, direct or indirect, in the said stock, bonds or other securities than as so stated by him.

C. J. O'DONNELL,

Treasurer.

Sworn to and subscribed before me this 23rd day of September, 1953.

EDWARD T. MYERS,

(My commission expires May, 1955.)

MANUFACTURERS RECORD FOR

Akard St., let contract to Schroeder Brothers, Rt. 4, Box 97, Taylor, for toll terminal building.

**SEALY**—Southwestern Bell Telephone Co., K. A. Ganssle, Chief Engr., 308 S. Akard St., Dallas, received bids for dial building.

**SPURGER**—Southwestern Bell Telephone Co., K. A. Ganssle, Chief Engr., 308 S. Akard St., Dallas, let contract to E. A. Kingham & Son, Nacogdoches, for dial building.

**STAMFORD**—Lone Star Gas Company, Dallas, plans 12-inch pipeline from Stamford to Abilene.

**TEXAS CITY**—Pan American Refinery awarded contract to Tellepsen Construction Co., 1710 Telephone, Houston, for work on Power Station No. 1.

**TEXAS CITY**—Texas City Terminal Railroad Co. let contract to LeBlanc, Inc., P. O. Box 351, Houston, for office building and warehouse. Wirtz, Calhoun, Tungate & Jackson, 2506 Richton, Houston, Archt.

**TYLER**—7-Up Bottling Co. let contract to R. T. Collins, 2429 Oaklane, for \$35,000 one-story building. Carl Gregory, 200½ W. Erwin St., Archt.

**WHITEWRIGHT**—Southwestern Bell Telephone Co., K. A. Ganssle, Chief Engineer, 308 S. Akard St., Dallas, let contract to Grady Glass, Bells, for dial building.

#### VIRGINIA

**CLIFTON FORGE**—H. O. Canfield Co. to build plant, G. E. Karplus, 33 E. 75th St., New York, N. Y., Archt.

**NORFOLK**—Norfolk Division of Texas Co. let contract to Doyle & Russell for \$476,328 office building. E. Bradford Tazewell, Archt.

**PORTSMOUTH**—The Bell Telephone Co. received bids for additions and alterations to Bell Telephone Building, 804 High St. Merrill C. Lee, 601 E. Franklin St., Richmond, Archt.

**RICHMOND**—Virginia Electric & Power Co. plans addition to steam plant at Possum Point near Quantico, at \$16,000,000.

**ROANOKE**—Valley Cadillac Oldsmobile, Inc., received bids for building, Smith & Baynton, 112 Kirk Ave., W. Archts.-Engrs.

**STAUNTON**—Westinghouse Electric Corporation, Emery W. Loomis, Vice-pres., Philadelphia, Pa., plan multi-million-dollar plant on 200-acre site, property of former Staunton Airport, on U.S. Route 11.

**WAKEFIELD**—Columbian Peanut Co., Norfolk, plans new warehouse.

**YORK COUNTY**—The Pan American Refining Corp., L. William Moore, Pres., New York, selected site in Goodwin Neck for new oil refinery plant.

#### WEST VIRGINIA

**CAIRO**—Timber Products, Inc., proposes new plant.

**ELKINS**—Preston Hardwood Lumber Co. plans \$300,000 expansion program.

**FAIRMONT**—Baltimore & Ohio Railroad plans expenditure of \$455,000 to modernize roundhouse.

**HUNTINGTON**—Virginia Electric Co., Charleston, plans \$100,000 warehouse and office building.

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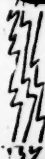
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100	440	West.		500	Syn.

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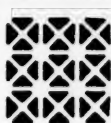
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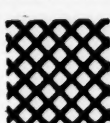
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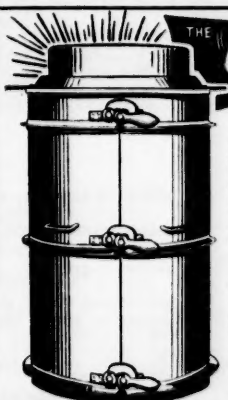
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